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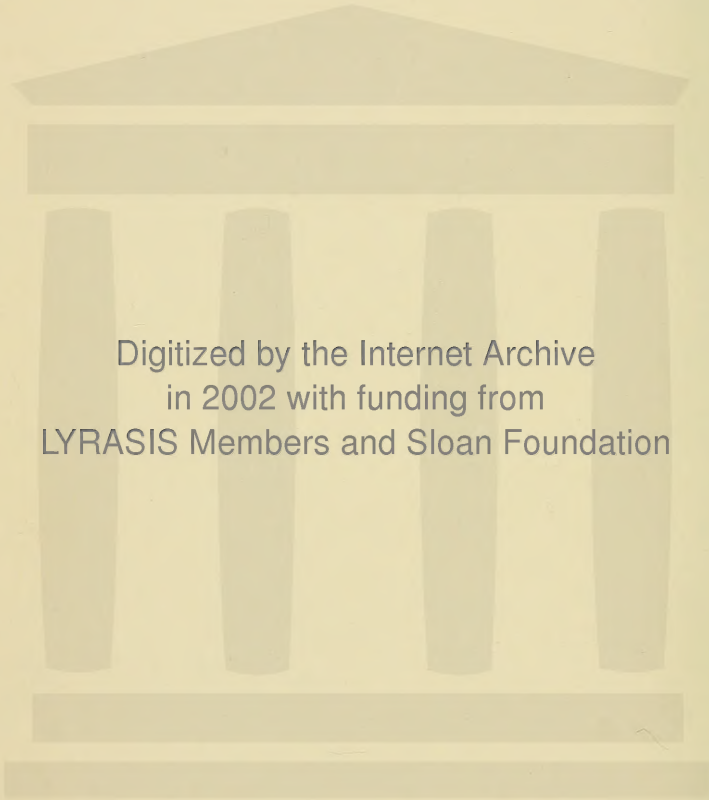

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Baltimore, Mayor.

— THE —

MAYOR'S MESSAGE

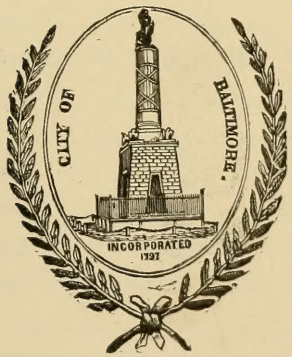
— AND —

Reports of the City Officers

— MADE TO THE —

CITY COUNCIL OF BALTIMORE

FOR THE YEAR 1895.



BALTIMORE:
JOHN B. KURTZ, City Printer,
No. 210 Water Street.

1896.

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MAYOR'S MESSAGE.

MAYOR'S OFFICE,

BALTIMORE, February 3, 1896.

To the Honorable the Members of the First and Second Branches of the City Council in Convention Assembled:

GENTLEMEN:

Section 12 of Article 4 of the Statutes requires me to report to you on one of the first five days of your session the general state of the city, with a correct account of the money received and expended. In compliance with this law, I beg to submit herewith an account of the receipts and expenditures of the city, as prepared by City Comptroller James R. Horner.

STATEMENT OF RECEIPTS.

From the City Collector, on account of the tax levy for 1895	$3,709,340 26	
From the City Collector, on account of taxes in arrears	1,272,328 52	
From the City Collector, on account of interest on taxes in arrears	28,513 05	
From the City Collector, on account of opening and closing streets and alleys	63,239 44	
From the City Collector, on account of paving streets	56,462 06	
		$5,129,883 33
From market rents and licenses		44,284 25
" rent of public halls		336 50
" wharfage by Harbor Masters		28,315 07
" the Park Board, account of the several parks		238,675 15
From the Jail Visitors, for board of prisoners and sale of refuse		6,984 19

From the county commissioners of several counties for cases removed and tried in the city courts	$ 891 62
From the Water Board, for rents, etc	759,500 32
" the Pound Master, from the sale of dogs	387 70
" ground rents due by sundry parties	288 00
From the Trustees of Bay View Asylum, for board of inmates	1,501 85
From Quarantine Hospital, fees	4,799 42
" the Commissioner of Street Cleaning, for sale of dirt, etc.	935 70
" the Park Board, account of Harlem Park	3,999 63
From the Park Board, account of Eutaw Squares, first division	1,800 00
From the Park Board, account of Eutaw Squares, second division	1,999 99
From the Park Board, account of Madison Square	2,466 00
" " " " " " Lafayette Square	1,994 06
" " " " " " Perkins' Spring Square	1,499 90
From the Park Board, account of Fulton avenue and Baker Circle	3,499 39
From the Park Board, account of Union Square	1,197 91
From the Park Board, account of Broadway Squares, first division	2,864 75
From the Park Board, account of Broadway Squares, second division	1,999 92
From the Park Board, account of Broadway Squares, third division	2,999 97
From the Park Board, account of Franklin Square	1,499 52
" " " " " " Mt. Vernon Squares	1,600 00
" " " " " " Park Place Squares	1,495 67
" " " " " " Ashland Square	135 06
" " " " " " Mt. Royal-ave. Squares	2,908 96
" " " " " " Jackson Square	1,399 73
" " " " " " Taney Place Squares	287 35
" " " " " " Wilkens-avenue Squares	2,499 62
" " " " " " Eastern Fountain	1,438 15
" sundry parties, injury to street lamps	228 00
" permits and advertising, for erecting sheds and boilers	13,271 87
" sundry parties, account for judgments and suits	430 83
" the City Commissioner, for repairs of paved streets	43 95
" " " " " " " bridges	467 32
" " " " " " " sewers	3,529 20
From the City Commissioner, for repairs of Light-street bridge	309 47
From the City Commissioner, for account of salaries	94 00

From the City Commissioner for repairs unpaved streets...	$ 100 00
From the City Commssioner for Light-street bridge, deficiency	10 00
From the City Commiissioner, for repairs, streets, etc., Annex, deficiency	2 81
From the Baltimore Belt Railroad Company, account building North-avenue bridge	80,000 00
From the Mayor's Secretary, from the sale of old paper	30 79
" " sale of tickets for transportation of poor	121 58
" " City Librarian, for the sale of codes and ordinances,	69 36
" auctioneers, for State tax on sales	7,184 58
" Superintendent Court House, for sale of refuse	33 00
From the Superintendent City and Circuit Courts, for sale of refuse	48 00
From licenses for wagons, carts, billiards, etc	67,401 63
" the Fire Commissioners, for sale of refuse	545 25
" magistrates, for violation of city ordinances	3,697 06
" the City Commissioner, for account of advertising	175 30
" Liquor License Commission, account of advertising	9 75
" sundry parties, account temporary loans	3,765,000 00
From the Mayor's Secretary, from sale of topographical maps	100 00
From the Topographical Survey Commission, from sale of horse and wagon, $16.18; old tower, $47.50; and survey and plats of Clifton Park, $400.41	464 09
From the City Commissioner, account repairs, streets, etc., Annex	2 10
From direct tax in the Annex	161,930 61
" interest in the Annex	4,249 59
" the State Treasurer, for liquor licenses	405,891 95
" State tax on city loans	6,202 76
" the inspection of gas-meters	2,326 25
From tax sales for the redemption of property previously sold for taxes	2,515 38
From rent of fence, Fayette, St. Paul and Calvert streets	115 00
" turnpike dividends	376 60
From Secretary of the School Board, account intestate estates	132 10
From sale of old material, new court house	10 00
" conscience fund	345 00
" rebate on insurance of Bayview Asylum	5 83
From Chesapeake and Potomac Telephone Company, account of conduits	4,635 80
From City Commissioner, account of refuse	259 00

From wharfage, sixth district	$	60 00
From City Commissioner, from sale of old material, 1940 Loan		667 70
From City Commissioner, account paving Franklin street, Six Million Loan		72 00
From the sale of Four Million Loan 1945 Stock		770,596 00
" the sale of Public Improvement 1940 Stock		967,850 00
" Supervisors of Elections, account of elections		61 70
" city seals		10 50
" the Park Board, interest on Public Park Loan		10,100 00
" the Water Board, interest on Water Loans		310,000 00
" the Western Maryland Railroad, interest on loans		82,740 00
" the Commissioners of Finance		80,820 00
From damages and expenses for opening, closing and paving streets and alleys		3,133 33
From the State of Maryland, for city's proportion of public school tax		215,424 92
From Secretary of School Board, for use of books, etc		3,900 00
" J. F. Plummer, interest on legacy to public schools		114 50
" the Commissioner of Health, from sale of virus		7 00
" the Park Board, account of Patterson Park		200 00
" the People's Bank, account of interest		2 08
Balance in hand of City Register January 1, 1895		268,946 66
Total receipts		$13,503,440 88

STATEMENT OF DISBURSEMENTS.

For cleaning and repairs of markets	$	4,581 93
" " " " " public halls		138 00
" Criminal Court		81,046 87
" Superior Court		14,682 95
" Baltimore City Court		14,642 45
" Court of Common Pleas		13,703 42
" Circuit Court		4,307 80
" Circuit Court No. 2		2,555 35
" Orphans' Court		7,917 95
" Magistrates		17,473 07
" judgments and suits		6,094 71
" Police Department		808,995 00
" expenses of the Supervisors of Elections		10,667 46
" registration		28,962 19
" expenses and incidentals of the City Council		60,936 55
" expenses of the Jail		51,284 91
" elections		16,390 67

For public schools, salaries and incidentals	$1,006,657 84
" Water Board	609,573 47
" ground rents due by the city	44,630 02
" the Dog Pound	1,246 88
" interest on loans and discount on taxes	165,997 63
" Patterson Park extension	15,229 34
" Park Board	237,462 38
" Harlem Park	3,995 41
" Eutaw Squares, first division	1,788 76
" " " second division	1,949 47
" Madison Square	2,279 16
" Lafayette "	1,984 68
" Perkins' Spring Square	1,500 00
" Fulton-avenue Squares and Baker Circle	3,423 68
" Union Square	1,185 38
" Broadway Squares, first division	2,932 55
" " " second "	1,825 22
" " " third "	2,838 20
" Franklin Square	1,426 44
" Bay View Asylum	104,961 24
" health, salaries	44,750 39
" health, general	14,009 31
" nuisances	12,952 30
" Quarantine Hospital	17,003 27
" cleaning streets	302,415 85
" harbor	34,920 81
" ice-boats	24,999 44
" repairs of wharves	1,948 98
" removing ashes from tow-boats	1,157 83
" dredging Jones' Falls	10,000 00
" Bush-street dock	3,777 09
" City Collector, expenses of office	58,595 83
" Appeal Tax Court	660 85
" gas	139,976 11
" gasoline	6,617 15
" electric lights	140,874 56
" lamplighters' salaries	49,842 00
" Inspector of Buildings	6,276 27
" repairs of Public Schools	16,487 05
" repairs of city property	12,613 36
" permits for sheds, etc	327 78
" cleaning cesspools	621 75
" extra help, Inspector of Buildings	6,200 00
" sanitary and other improvements	2,047 87

For winding clocks at engine houses	$	200 00
" building Hook and Ladder House No. 10		4,385 00
" partition in No. 5 Primary School		125 00
" fitting up and furnishing Judge Dobler's office		450 00
" rental of auxiliary fire-alarm boxes		4,300 00
" building Primary School No. 35		28,296 90
" cleaning Battle Monument		50 00
" fire-escape at No. 20 Primary School		488 38
For repairing damage to Police and Fire-Alarm Telegraph office		1,500 00
For building Primary School No. 34		12,959 75
" building Primary School No. 4		304 26
" building Western Female High School		7,543 86
" completion of English-German School No. 6		5,889 74
" building Colored School No. 9		15 00
" building Male and Female Primary School No. 37		1,053 18
" painting Fifth Regiment Armory roof		156 96
" repairing Fifth Regiment Armory		600 00
" building Temporary Court House		29,406 18
" General Superintendent of Lamps, salaries		3,000 00
" repairs, paved streets		78,848 37
" " bridges		8,335 19
" " sewers		9,268 14
" Light-street bridge		6,090 06
" salaries of the City Commissioner's office		11,552 00
" flag and stepping-stones		1,994 55
" cross streets		4,697 86
" repairs, unpaved streets		1,500 00
" paving city property		210 23
" building North-avenue bridge, special		2,747 78
" inlets, Carey and Lombard streets		997 77
" inlets, Carrollton avenue and Saratoga street		347 28
" macadamizing Monument street		2,000 00
" repairing gutter, Paca street and Druid Hill avenue		200 00
" macadamizing Marshall avenue		250 00
" repairs, paved streets, deficiency		684 54
" " bridges, deficiency		319 01
" Light-street bridge, deficiency		877 68
" resurfacing Camden street, deficiency		2,481 71
" repairs to Camden, Dover and Sharp streets, deficiency		363 26
" board-walk, North avenue, deficiency		88 18
" paving city property, deficiency		53 54
" repairing Block-street drawbridge, deficiency		1,786 14
" public printing, deficiency		34 75

For repairs around Marsh Market, City Hall, etc., deficiency	$ 938 60
" repairs, streets, etc., Annex, deficiency	612 18
" improvement, Harford Run	9,883 57
" macadamizing East Baltimore street	1,998 56
" foot-bridge, Frederick road	263 68
" inlets, Pennsylvania avenue and Oxford street	573 32
" graveling Ridgely and other streets	1,980 17
" grading Ridgely street	2,000 00
" inlet, Eagle street and Addison alley	475 17
" approaches to North-avenue bridge	79,643 83
For codifying ordinances, etc., City Commissioner's Department	200 00
For iron plates, Dillon street and Canton avenue	749 84
" iron plates, Pratt and Caroline streets	1,195 17
" Mayoralty	2,395 31
" transportation of poor	889 42
" Superintendent City Hall	29,866 68
" City Librarian	9,241 95
" refunded taxes	5,872 40
" expenses of the Court House and Record Office	5,033 04
" " " City and Circuit Courts	4,493 83
" general license	748 83
" " expense	1,370 18
" expenses of the Fire Department	335,331 07
" reconstructing Police and Fire-Alarm Telegraph Office	5,000 00
" fire-alarm boxes, various places	875 00
" purchase of lots in rear of No. 2 Engine House	1,497 00
" expenses of Engine Company No. 17	21,955 25
" " " " No. 19	21,790 35
" " of Hook and Ladder Company No. 10	15,986 63
" fines remitted by the Mayor	625 50
" public printing	1,328 08
" Liquor License Commissioners	14,862 11
" removal of garbage	9,400 00
" temporary loans	3,750,000 00
" pension account, W. H. War	260 00
" Sewerage Commission	4,693 38
" cleaning streets, special	39,013 49
" Topographical Survey	23,020 31
" Electrical Commission	1,169 88
" gas, Annex	16,830 55
" gasoline, Annex	6,970 99
" electric lights, Annex	819 70
" lamplighters' salaries, Annex	15,608 00

For Fire Department,	"	$ 43,260 18
" cleaning streets,	"	25,146 83
" nuisances,	"	1,909 75
" health, salaries,	"	3,799 84
" repairs streets, roads, etc.	"	9,421 75
" public schools,	"	142,914 88
" Inspector of Buildings, livery, Annex		300 00
" extra help, Inspector of Buildings, Annex		1,240 00
" repairs, city property, Annex		3,419 60
" City Collector, Annex		3,799 92
" interest, Annex		3,400 39
" refunded taxes, Annex		251 13
" fire-plugs at Carroll, Annex		250 00
For fire-alarm box, Gorsuch avenue and Quaker lane, Annex		173 22
For fire-alarm box, York road and Twenty-second street, Annex		149 50
For fire-alarm box, Brady avenue and York road, Annex		175 00
" macadamizing Park Heights avenue, Annex		4,950 73
" repairing Twentieth street, Annex		987 54
" shelling Chestnut Hill avenue, Annex		136 40
" repairing Friendship lane, Annex		494 17
" " St. Ann's avenue, Annex		493 59
" " Jenkins lane, Annex		992 45
" " Montebello avenue, Annex		294 11
" special assessment, taxes in the Annex		1,729 97
" Mount Vernon Squares		1,600 00
" Park Place Squares		1,223 46
" Ashland Square		122 20
" Mount Royal avenue Squares		2,769 05
" Jackson Square		1,267 34
" Taney Place Squares		285 36
" Wilkens-avenue Squares		2,237 72
" Eastern Fountain		1,325 08
" dispensaries		16,500 00
" House of Refuge		20,000 00
" House of Reformation		12,200 00
" Mount Hope Retreat		33.000 00
" Maryland Hospital for the Insane		30,000 00
" Hospital of the University of Maryland		10,099 15
" " " " College of Physicians and Surgeons		16,900 00
" Maryland General Hospital		9,295 00
" Baltimore University Hospital		6,745 17
" Good Samaritan Hospital		3,072 07

For St. Joseph's Hospital	$	5,070 00
" Maryland Homeopathic Hospital		3,264 32
" St. Agnes' Hospital		5,070 00
" St. Joseph's House of Industry		2,000 00
" Female House of Refuge		3,000 00
" Industrial Home for Colored Girls		3,000 00
" Boys' Home Society		3,000 00
" the Simmins' Home		1,000 00
" St. Vincent de Paul's Orphan Asylum		2,000 00
" St. Vincent's Infant Asylum		7,000 00
" St. Mary's Female Orphan Asylum		9,800 00
" Home of the Friendless		2,100 00
" Nursery and Child's Hospital		4,194 96
" St. Elizabeth's Colored Orphan Asylum		4,000 00
" St. Mary's Home for Colored Boys		500 00
" Shelter for Aged Colored Poor		1,000 00
" Home of the Good Shepherd for Colored Girls		2,500 00
" St. Mary's Industrial School		20,000 00
" Manual Labor School		1,500 00
" Deaf and Dumb		441 51
" State tax on city loans		42,508 40
" purchase of lot for Public School No. 4		5,000 00
" sprinkling Mount Royal avenue		650 00
" City Librarian, salaries		2,400 00
" removing filth from docks		2,961 78
" assistance to Examiner of Titles		800 00
" salaries, city officers		51,711 32
" Coroners		7,000 00
" Commissioners for Opening Streets		7,353 30
" rent of room for Clerk Superior Court		225 00
" transportation to House of Correction		230 90
" Maryland Institute		9,000 00
" winding Maryland Institute clock		75 00
" post-mortems		1,500 00
" Supreme Bench		3,475 00
" interest on stock debt		1,316,784 38
" commissions and incidentals of Harbor Masters		7,321 86
" Inspector of Gas and Oils, livery		272 75
" tax sales		4,213 48
" special appropriations		2,856 84
" removal of refuse from packing-houses		5,000 00
" expenses of the City Council Investigating Committee		5,174 26
" Judge-at-Large		2,645 16
" Veteran Volunteer Firemen's Association		1,000 00

For fire-plugs, various places	$ 1,625 00
" drinking-fountains, various places	850 00
" Manual Training School, House of Refuge	3,000 00
" Hebrew Hospital Asylum	1,500 00
" Fourth Regiment, I. M. N. G.	3,000 00
" hose for various markets	677 81
" free baths	498 30
" ringing Mechanics' bells	200 00
For purchase of ground for Male and Female Primary School No. 37	8,500 00
For repairing Washington Monument	350 00
For purchase of lot for Male and Female Grammar School No. 13	4,500 00
For removing fountain from 378 Forrest street	50 00
" Friendly Inn	1,000 00
" wharfage, sixth district	12 00
" drinking-fountain, Hollins street and Arlington avenue.	75 00
" flags at public schools	500 63
" Internal Improvement 1928 Loan Sinking Fund	84,457 19
" Water 1926 Sinking Fund	28,153 84
" General Sinking Fund	140,758 46
" Public Improvement 1940 Sinking Fund	53,605 50
" Four Million Loan Sinking Fund	10,276 49
" Bush-street sewer, Five Million Loan	3,370 93
" Fremont-street sewer, Five Million Loan	258 22
" Presbury-street " " " "	162 71
" Druid Hill-avenue sewer, Five Million Loan	1,911 14
" Pulaski-street " " " "	701 48
" paving West Lexington street, Five Million Loan	9,058 09
" " Eutaw " " " "	3,185 84
" " East Lexington " " " "	1,650 02
" " Fayette and Lexington streets, Five Million Loan	615 66
For paving Hanover, Lexington and Richmond markets, Six Million Loan	657 51
For paving Calvert street, Six Million Loan	571 60
" Charles-street sewer, " " "	29,138 41
" Fremont-avenue " " " "	34,164 37
" Bruce-alley " " " "	30,996 23
" Bush-street " " " "	15,745 52
" Patapsco-street sewer extension, Six Million Loan	22,404 89
" Fort-avenue sewer, Six Million Loan	40,355 21
" Barclay-street " " " "	182 08
" Orleans-street " " " "	4,496 71
" Druid Hill-avenue sewer, Six Million Loan	22,765 57
" Alluvion-street " " " "	3,163 11

For Presstman-street sewer, Six Million Loan	$ 9,302 44
" building North-avenue bridge, Six Million Loan	40,698 57
" " Edmondson-avenue bridge, Six Million Loan.	12,560 64
" " Monroe-street bridge, Six Million Loan	6,810 97
" Penn-street sewer, Five Million Loan	70 06
" building Columbia-avenue bridge, Six Million Loan	16,616 90
For completion of North-avenue bridge and approaches, Six Million Loan	35,663 62
For paving Chase street, Six Million Loan	10,437 06
" " Front " " " "	2,061 25
" " Saratoga street, Six Million Loan	6,017 70
" " Gay " " " "	793 41
" " East Baltimore street, Six Million Loan	8,544 36
" " Maryland avenue, " " "	7,857 64
" " Franklin street, " " "	1,646 69
" " Aliceanna " " " "	2,220 00
" " Park avenue, " " "	234 58
" " Holliday and other streets, Six Million Loan	3,615 98
" " Fayette street, " " "	7,492 19
" " Fort avenue, " " "	17,912 94
" " Pratt street, " " "	4,747 60
" " Boston " " " "	2,752 71
" " Poppleton street, " " "	700 00
" " Broadway, " " "	303 31
" opening Whitelock street, " " "	39,619 69
" new Court House, " " "	59,785 90
" Topographical Survey, " " "	59,785 90
For purchase of lot and building Baltimore City College, Six Million Loan	72,428 81
For building Western Female High School, Six Million Loan.	69,104 00
" " English-German School No. 6, " " "	27,454 52
For building Colored Primary School No. 10, Five Million Loan	20,676 58
For underground wires, Six Million Loan	94,618 05
" purchase of Clifton Park, Four Million Loan	722,366 30
For premium on Four Million Loan Stock, Four Million Loan	48,096 00
For premium on Public Improvement 1940 Stock, Six Million Loan	17,850 00
For Brice-alley sewer, Six Million Loan	4,712 33
" damages and incidentals in opening and closing streets,	54,776 07
" paving streets and alleys	33,167 74
Balance in hands of City Register, December 31, 1895	520,561 35
Total disbursements	$13,503,440 88

The pressure upon my time since I have been in office prevents me from giving you as full a report of your property as I might desire. I shall therefore, from time to time, in the future, supplement this message by others upon special subjects, until I have gone through all the departments of your city government.

LACK OF SYSTEM.

I have been impressed with the absence of a system of administration producing adequate results at a reasonable cost, and have noted a confusion and duplication of functions in different departments. I found that the Health Department had been performing duties properly belonging to the Street Cleaning Department, and have therefore removed from the Health Department all cleaning of sewers, gutters and other scavengering work, and have placed them under the care of the Street Cleaning Department.

I found that duties properly coming under the Police Department, and by law required of it, were being performed by the city departments, and am seeking to enforce the law and save the expense of duplicate machinery.

I find that much money has been spent without commensurate returns, owing to the lack of system in the departments and the want of a proper organization of departments necessary to municipal government. Responsibility evidently has not been placed upon the officers whose titles would suggest the responsible heads. The City Board of Health, consisting of the Health Commissioner, his assistant and the Mayor, in its frequent sessions since my inauguration, has been considering plans to better protect the health of the city, and to make the functions of the department, as

promised to you in my inaugural address, purely of a professional character.

HOSPITAL FOR INFECTIOUS DISEASES.

We find the city sadly in need of a hospital for infectious diseases. We are surprised to find that the list of quarantineable diseases, as defined by the National Government, does not include all diseases classed by the medical fraternity as infectious or contagious, against which the city in its own boundaries requires quarantine regulations. Steamers or vessels come up to our wharves having on board persons suffering from infectious or contagious diseases, who are not detainable at quarantine, and whom we find ourselves unprepared to properly care for, nor can we now care for cases of infection or contagion arising in our own midst.

We find that our contracts with the several hospitals for the care of indigent sick do not enable us to require them to take care of infectious cases; and, in fact, the only hospital that has granted us assistance in such cases is one that is not receiving assistance from the city. I refer to the Johns Hopkins Hospital, which has been receiving our patients free of cost to us. I therefore recommend to you a speedy appropriation to enable us to carry out ordinances already in existence that provide for the erection of a hospital for just such cases. If you will appropriate the money necessary, we will at once secure a site and erect hospital buildings.

CITY MORGUE.

We find that the Morgue is prepared to handle and care for only eight bodies at a time. The late disaster at the Front Street Theatre showed

the necessity of an immediate enlargement of the building. By an appropriation of five hundred ($500) dollars we can convert a portion of the building now in use into additional accommodation for special accidents of this kind. I would therefore recommend to you that the said amount of money be appropriated to allow the Inspector of Buildings to make changes on plans furnished by the Board of Health.

PURE FOOD.

We find that while adequate laws are upon the statute books to preserve purity of food, there is practically not sufficient machinery to carry these laws into effect. The Health Department is authorized to protect the city from any unusually unsanitary condition; therefore we will possibly establish a bacteriological laboratory in connection with that department, and will ask you to give the latter a liberal appropriation for its current expenses to enable us to properly examine the foods presented to our citizens. We have seen the need of such a laboratory in the few weeks of our incumbency. We know that foods are adulterated to such an extent as to be a menace to the public health.

CONTAMINATION OF WATER SUPPLY.

You have been fully informed by the press of this city of the contamination of our water supply, and we are pleased to notify you that a system of inspection by competent physicians and chemists has been established. The gentlemen appointed to these positions in the Board of Health are required to make weekly reports, under oath, to the Mayor, and also to the State Board of Health, of the places visited by them; the nuisances discovered, and the route by which the several places were reached.

We hope, by thus having professional men of high standing in the community reporting under oath, to place around our water supply safeguards that will surely protect it from contamination.

EXAMINATION OF STEAMERS.

The United States Government required us to put into operation on the first day of January a system which will necessitate the examination of all steamers coming into the port during all the months of the year, whether carrying passengers or not. In order to comply with the demands of the government in this respect, it has been necessary to increase the force of employees and boats in the Quarantine Hospital department.

We therefore, pending your action in granting us sufficient money with which to purchase a new tug, have chartered for thirty days, with the privilege of renewal from time to time, a tug-boat fully equipped, which is at the service of the Quarantine Hospital daily, from sunrise to sunset. We assume no responsibility or risks of any kind, and are paying for this service seven hundred and fifty dollars ($750) per month. We would recommend to you that the Mayor be authorized to purchase a tug-boat and equip the same. Upon the purchase of a new tug-boat, unless you object, we will sell the steam launch, which will then be no longer necessary. The general condition of the quarantine station we find to be excellent, and commend the officer in charge thereof for the admirable discipline and cleanliness everywhere evident.

INSPECTOR OF BUILDINGS.

The Inspector of Buildings has placed upon him the responsibility of seeing that your laws regulating the

proper construction of buildings are complied with. The only assistance given him by law is that of one clerk. We would therefore suggest that he be authorized, with the consent of the Mayor, to appoint from time to time, as in his judgment the needs of the office may demand, such additional help as may be required, not to exceed in all nine men. I suggest this plan because there are times in the year when little building is going on, and the services of a large proportion of these men can be dispensed with; but, when building is brisk, you will find that the force thus described is about adequate.

We ask your immediate attention to this matter, as we find no warrant in law for employing those persons who have been employed, and we have removed them from office. We would suggest that the maximum salaries be as follows: At the rate of not more than one hundred dollars ($100) per month for all, except the first assistant, who should receive not more than one hundred and twenty-five dollars ($125) per month. Thus the Inspector of Buildings would have the assignment of duties and the rate of salaries within his discretion.

BUILDING LAWS.

There are several matters relating to alterations in the building laws of the city which we shall at another date submit to you for your consideration. The Inspector of Buildings has organized a plan by which a report of the condition of all the public buildings under his care is made to the Mayor from time to time and at short intervals. Thus we hope to secure proper conditions surrounding the several school and other buildings.

BALTIMORE CITY JAIL.

We find that no provision has been made for the care of juvenile offenders awaiting trial, and were shocked at a recent visit to the Jail to see children awaiting trial for minor offences in cells with men known to be criminals and frequent prisoners in our jails and penitentiaries. This state of affairs is too outrageous to longer continue, and we ask of you that the difficulty be immediately removed by permitting the Mayor to establish a house of detention for such juvenile offenders.

The discipline of the Jail and the conditions general are not such as to make us proud of that institution. The abuses are such as can be remedied by a more faithful performance of the duties imposed by law upon the Board of Visitors, and are not such as to require any particular description at the present time. I think that while the community does not desire that men and women who are incarcerated shall have communication with the outside world, or enjoy any of the amenities of life that are inconsistent with proper prison discipline, yet they do demand that in prisons where men are necessarily prevented from exercising their full rights of citizenship, and are under the absolute control of their keepers, they should be protected from abuse, and that the public should at all times, through the press, have a knowledge of what goes on in the prisons. I am sorry to say that the spirit of the Boards having control of this institution has been to prohibit a full, free inspection by the press, and to prevent a full report of the proceedings of their meetings. It shall be my duty and pleasure to impress upon the new Board, to-night appointed, the necessity

of permitting the press to be present at all of its meetings, and under proper regulations to have access to the prison at all hours of the night and day. We feel that by adopting this course abuses which have associated themselves with the history of prisons in the past can be prevented. We do not desire by the above to give the impression that our prisoners are ill-treated, but we are not in sympathy with and heartily condemn the introduction of politics and politicians into the management of men who cannot care for themselves.

OFFICES NOT CREATED BY LAW.

You will remember that in my inaugural address I said that the citizens of Baltimore require the exercise of the strictest economy in the expenditure of this large municipal corporation, and they demand that all offices which may have been thought necessary at the time of their creation, but which have been proved by experience or a change in conditions to be unnecessary, shall be abolished and stricken from the list. I have found many such offices, and where they were created without authority of law I have abolished them without an appeal to the Council, but in several cases councilmanic action was necessary, as the offices exist in accordance with ordinances. I have not yet had the favor of receiving from you a full acquiescence in my wishes in regard to this matter. You will undoubtedly in your good pleasure, in the near future, see fit to comply with my suggestions.

PUBLIC SQUARES.

While it is true that the care of the 22 squares by local commissioners might possibly produce local pride in the squares, yet I feel that a theoretical advantage

is being sought at too great a price, since we find, as estimated by the Park Commissioners, that the cost of maintenance of these 22 squares could be reduced fully $20,000 by putting them under the care of the Park Board. When you take into consideration that out of the income derived by the city from the tax upon street railways, the Park Board is compelled to provide for the sinking funds for the redemption of the different Park Loans, you will find that the fixed charges thus imposed and the expense of maintaining the 22 squares at the extravagant rate now in existence leaves but very little for the proper care and improvement of Druid Hill, Patterson and the other large parks belonging to your constituents. We therefore beg of you prompt action upon the ordinances already before you looking toward the accomplishment of this needy reform.

REDUCTION IN NUMBER OF CITY EMPLOYEES.

Soon after my installation in office, I recommended to your honorable body a material reduction in the force of officers and employees in the City Hall and Court Houses; and, pending your action thereon, I have reduced the number of men, and find that the work is being better done with a fewer number of men than it was before, and now unhesitatingly renew my request that the then asked for reduction be made.

CITY LIBRARIAN.

We find that one Assistant Librarian was being employed in the City Librarian's Office without authority of law; we have dismissed him, and find that the number of officers authorized by law is quite sufficient for the duties to be performed. We found that the

Librarian's Department occupies eleven rooms in the City Hall, owing to the wasteful arrangement of the shelves and classification of their contents; the Librarians are now engaged upon a plan looking toward a consolidation and a proper classification of the books, papers, etc., committed to their care, and we hope thereby to liberate from this use rooms which can be applied to other purposes, and thus reduce the rent role for offices outside the building. We regret to report to you that the City Librarian's Office, which is intended to be the place of deposit of the city's archives, is very far from being up to the standard properly required by a municipality the size of ours. We find a poverty of data and of papers in the possession of the city, and learn that the officers who have from time to time been gathering facts which should have been deposited by them and recorded in the Librarian's Office, have considered these datas as their own private property, and the city is compelled to go over and over work in obtaining information that should be found in the City Librarian's Office.

CITY SURVEYOR.

We find that the City Surveyor, although required by law, has never, as far as we can ascertain, reported to the city, until required by this administration, any of the field notes, memoranda, maps or surveys taken by him.

SPECIFICATIONS FOR CITY PRINTING AND STATIONERY.

We find that the specifications upon which bids for city printing and stationery have been awarded in the past are not such as have secured for the city the highest quality and the lowest prices. We did

therefore refuse to accept any of the bids that were tendered upon the old specifications. New specifications have been prepared, after consulting the leading printers and stationers of the city, and we hope thereby to adopt a system which will put competition on a fair and free basis, so that all respectable firms engaged in the business will have equal chances to be purveyors to the city, and the quality will be raised and the quantity lessened and the prices reduced.

PUBLIC SCHOOL LIBRARY.

Owing to the existence of the Pratt Free Library, the Peabody Institute Library, the Mercantile Library, and others not so well known, all our teachers in the public schools can be properly supplied with reading matter by these institutions, and the further maintenance of our Public School Library is an unwarranted extravagance. We would therefore suggest to you that the volumes thus collected be transferred to the Pratt Free Library, and the offices connected with the care and maintenance of the Library be abolished.

DEPARTMENT REPORTS.

I have striven to condense this message as much as possible, so as not to weary you, and have avoided making reference to matters touched upon by the several departments in their reports, of which printed copies are in your possession. I would most respectfully recommend to you the valuable suggestions contained in these reports, and beg that they be not overlooked. I have purposely avoided at this time touching upon the financial condition of the city further than simply giving you an account of the collections and disbursements, as I desire to send a message at a later

date dealing with this subject alone, after the books of the corporation shall have been carefully examined by expert accountants.

CONDITION OF STREETS.

We are extremely sorry to be obliged to report to you that your streets and alleys are in a filthy condition, and that the money heretofore spent by this corporation for the cleaning of the streets has been wastefully spent and poor results have been accomplished. We have striven to reorganize the department so as to obtain better results, but fear that we cannot do so until a complete change in the personnel of the superintending officers is effected. These changes will be effected as rapidly as the maintenance of good order in the department will permit. We hope that by the introduction of proper machinery and tools, and of energetic men having an interest in their work, your streets in the near future will be clean at no considerable extra expenditure of money over what has been expended in the past. We must ask of our fellow citizens, however, a hearty co-operation with us in accomplishing this desired result. A pride in the highways would prevent the throwing by the housewives and storekeepers of paper or other rubbish upon the streets, and we are sure that when the ladies of the community wake up to the fact that they can assist the Street Cleaning Department very materially in maintaining a sanitary condition of affairs, by preventing the fouling of the streets by matter which by a little care and system on their part can be gathered into the proper receptacles awaiting for the coming of the scavenger, a better state of affairs will exist.

STREET PAVING.

The loans authorized in the recent past for street paving are about exhausted, and any further improvement in this line must come from a levy of a very materially increased tax rate. Such streets as Alice-anna, York, Davis and others in the business portion of the city demand immediate attention to prevent serious interference with traffic; and I would suggest to you, therefore, that for the present the residential districts of the city wait for improvements in this line until we put the business districts in thorough repair.

We ask of you a thorough study of this question, so as not to increase the taxes beyond a point that is bearable, and at the same time to give us what we should have had, had not the funds authorized in the several loans been extravagantly expended.

Several companies, who have improved pavements to place, have asked permission to pave certain surfaces of the streets, in order to show the efficiency of their work; and, where such placing of improved pavement can be done without any expense to the city, we have permitted the companies to so place their samples of pavement. We hope by this free competition to secure eventually for the city a good pavement at a lower price than we have been paying in the past.

Yours truly,

ALCAEUS HOOPER, *Mayor.*

ANNUAL REPORTS

—— OF THE ——

REGISTER OF THE CITY

—— AND OF THE ——

COMMISSIONERS OF FINANCE

—— TO THE ——

MEMBERS OF THE FIRST AND SECOND BRANCHES
OF THE CITY COUNCIL OF BALTIMORE,

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT

— OF —

JOHN A. ROBB,

REGISTER OF THE CITY.

REGISTER'S REPORT.

OFFICE OF THE REGISTER OF THE CITY,

BALTIMORE, January 2, 1896.

To the Honorable the Members of the
First and Second Branches of the City Council:

GENTLEMEN.—Your Register presents his "account of all moneys received and expended by him during the past year;" a "statement of the estimated receipts and payments required for the coming year," also tables showing the funded and guaranteed debt of the city as of December 31, 1895, the productive and interest bearing securities of the city, the unproductive securities, and the monthly returns of the "Keepers of the Standards of Weights and Measures"—the latter required by Ordinance No. 9, of 1881.

The receipt into the treasury from all sources during the fiscal year ending December 31, 1895, as detailed in Tables D and E, and also the balance sheet of the ledger, were	$13,234,494 22
To which add the cash balance December 31, 1894	268,946 66
Making the total amount to be accounted for	$13,503,440 88
The total disbursements for the year were	12,982,879 53
Cash balance December 31, 1895	$520,561 35

ESTIMATES FOR THE CURRENT YEAR.

In table marked B are exhibited in detail the estimated requirements for the current fiscal year for the twenty wards of the city, amounting to the gross sum of	$7,406,279 02
And for the Twenty-first and Twenty-second Wards as detailed in the same Table B	316,684 57
Total amount of requirement	$7,722,963 59
From this amount deduct the estimated receipts from taxes in arrears and other specified sources in table marked C	2,107,200 00
And the estimated amount to be levied for will be	$5,615,763 59
In the year 1895 the estimated amount was	4,828,822 93
Increase in estimates for this fiscal year over the fiscal year of 1895	$786,940 66

FUNDED AND GUARANTEED DEBT.

The funded and guaranteed debt of the city, as of December 31, 1895, is $32,437,818.43; and December 31, 1894, it was $31,126,625.57, an increase of $1,311,192.86, and is thus explained:

Issue of Public Improvement Three-and-one-half Per Cent. 1940 Loan during the year 1895		$950,000 00
Issue of Four Million Three-and-one-half Per Cent. 1945 Loan during the year 1895		722,500 00
		$1,672,500 00
Less:		
Amount of Park Improvement Six Per Cent. 1895 Loan redeemed	$182,723 80	
Amount of Consolidated Six Per Cent. 1890 Loan redeemed	1,300 00	
Amount of Five Million Six Per Cent. 1890 Loan redeemed	83 34	
Amount of Exempt Six Per Cent. 1893 Loan redeemed	2,500 00	
Amount of Water Five Per Cent. 1894 Loan redeemed	57,700 00	
Amount of Union Railroad Six Per Cent. First Mortgage Guaranteed Bonds	117,000 00	
		361,307 14
And the balance will show the net increase as stated		$1,311,192 86

I respectfully refer you to the report of the Commissioners of Finance for the condition of the various sinking funds under their charge and belonging to the city, and also to the accompanying tables.

Table A is a statement of the public debt of the city.

Table B is an estimate of requirements for the current fiscal year.

Table C is an estimate of receipts for the current fiscal year.

Table D is a detailed statement of the receipts and disbursements, and showing the appropriations for the various accounts.

Table E shows the aggregate monthly receipts and disbursements.

Table F shows the monthly returns from the "Keepers of the Standards of Weights and Measures."

Respectfully submitted,

JOHN A. ROBB,
Register of the City.

STATEMENTS.

STATEMENT A.—Funded and Guaranteed Debt.

Name of Loan.	Rate.	When Redeemable.	Amount.
City Hall	6 per ct.	March 15, 1900	$1,000,000 00
Jones' Falls	6 "	April 9, 1900	800,000 00
"	5 "	" 9, 1900	957,000 00
"	$3\frac{65}{100}$ "	" 9, 1900	483,000 00
"	$3\frac{1}{2}$ "	" 9, 1900	160,000 00
"	3 "	" 9, 1900	100,000 00
Funding	6 "	At pleasure after July 1, 1900.	800,000 00
W. Md. R. R.	6 "	January 1, 1902	1,000,000 00
City Hall	6 "	March 7, 1902	500,000 00
Harford Run	4 "	November 3, 1904	350,000 00
Water	5 "	At pleasure after July 1, 1916.	5,000,000 00
Funding	5 "	" " July 1, 1916.	1,000,000 00
McDonogh Ext.	5 "	September 1, 1916	280,000 00
Harford Run	4 "	At pleasure after Jan. 1, 1920.	250,000 00
Patterson Park	4 "	October 1, 1920	200,000 00
Paving	4 "	At pleasure after Nov. 1, 1920.	500,000 00
Water	4 "	" " Nov. 1, 1922.	500,000 00
W. Md. R. R.	4 "	July 1, 1925	684,000 00
Water	4 "	At pleasure after Nov. 1, 1926.	1,000,000 00
W. Md. R. R.	$3\frac{1}{4}$ "	January 1, 1927	1,704,000 00
Internal Improv't.	$3\frac{1}{2}$ "	July 1, 1928	4,850,000 00
Consolidated	$3\frac{1}{2}$ "	At pleasure after July 1, 1930.	5,000,000 00
Public Improvm't.	$3\frac{1}{2}$ "	January 1, 1940	3,682,400 00
Four Million	$3\frac{1}{2}$ "	March 1, 1945	722,500 00
1860 Stock	6 "	Unredeemed, no int. allowed.	482 00
Water, 1875	6 "	" " "	540 00
One Million, 1886	6 "	" " "	630 50
Consolidated, 1890.	6 "	" " "	13,962 48
Five Million, 1890.	6 "	" " "	2,003 45
Exempt, 1893	6 "	" " "	500 00
Consolidated, 1893.	6 "	" " "	300 00
Water, 1894	5 "	" " "	18,500 00
Park Imp't, 1895.	6 "	" " "	3,000 00
			$31,562,818 43

Guaranteed Debt.

W. Md. R. R. 1900 Six Per Cent. Third Mortgage Bonds	$875,000 00
Total funded and guaranteed debt	$32,437,818 43

Amount brought forward		$32,437,818 43
From which deduct—		
Water Loans of 1916, 1922 and 1926, the interest on which is paid by revenue from water rents	$6,500,000 00	
Patterson Park Extension Loan, on which interest is paid by Park Board	200,000 00	
Four Million 1945 Loan, on which interest is paid by Park Board	722,500 00	
Commissioners of Finance on Western Maryland Railroad Six Per Cent. 1902 Loan	1,000,000 00	
Commissioners of Finance on Western Maryland Railroad Six Per Cent. Third Mortgage Bonds	875,000 00	
Western Maryland Railroad Company on Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan	1,704,000 00	
Western Maryland Railroad Company on Western Maryland Railroad Four Per Cent. 1925 Loan	684,000 00	
Overdue stock, no interest allowed	39,918 43	
		11,725,418 43
Leaving the amount on which interest is paid by taxation at		$20,712,400 00

Viz.:	$ 3,100,000 00	interest at 6 per cent.
	2,237,000 00	" " 5 "
	1,100,000 00	" " 4 "
	13,692,400 00	" " 3½ "
	483,000 00	" " 3 65/100 "
	100,000 00	" " 3 "
	$20,712,400 00	

Assets of the City.

Productive.

Mortgages on Western Maryland Railroad Company	$ 2,388,000 00	
Value of sinking funds	2,744,051 23	
Value of water works	10,500,000 00	
550 shares of Baltimore and Reisterstown Turnpike Stock	2,062 50	
137 shares of Baltimore and Frederick Turnpike Stock	456 66	
Real estate, annual rental $10,225 11		
Market property, annual rental.. 45,000 00		
Wharf property, annual rental... 20,000 00		
	$875,225 11	
Capitalized at 4 per cent	1,880,627 75	
		$17,515,198 14

Unproductive.

Accrued interest to January 1, 1887, on Western Maryland Railroad Second Mortgage Bonds redeemed		$333,000 00	
Interest on Western Maryland Railroad Four Per Cent. 1925 Loan from July 1, 1893		68,400 00	
Interest on Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan from July 1, 1893		138,450 00	
Fourth mortgage on Western Maryland Railroad Company	$1,000,000 00		
Accrued interest to date	1,410,000 00	2,410,000 00	
Third mortgage on Western Maryland Railroad Company	$ 875,000 00		
Accrued interest to date	1,312,500 00	2,187,500 00	
10,000 shares Valley Railroad Company of Virginia		1,000,000 00	
83,000 Philadelphia and Reading Railroad Third Mortgage Preferred Income Bonds.		83,000 00	
4,000 shares of Western Maryland Railroad stock		200,000 00	
130 shares of Baltimore and Havre de Grace turnpike stock.			
625 shares of Baltimore and York turnpike stock.			
Besides other property, such as—			
Court houses, Record Office, City Hall, Jail, police stations, fire-engine houses and apparatus, school houses, Almshouse, ice-boats, Quarantine Station, public parks, squares, etc., valued at		10,000,000 00	
			$16,420,350 00

STATEMENT B.

The following statement exhibits the present liabilities and the estimated expenses of the city to be provided for in the levy for the year 1896:

Existing Claims.

Balance due Harford Run account	$7,594 49
Paving certificates outstanding	15,989 43
Due Park Board	4,703 47
" Water "	115,863 64
" Internal Improvement Loan	128,725 44
" Four Million Loan	133 70
Loans from banks	1,715,000 00
	$1,988,010 17

Amount brought forward		$1,988,010 17
Cash balance December 31, 1895	$520,561 35	
Due by Six Milllon Loan of 1940 $53,793 40		
Paving certificates out against loan 13,594 35		
	67,387 75	
Due for liquor licenses, 1895	4,640 62	
" " rent of Bolton Lot by Baltimore and Ohio Railroad	9,916 66	
		602,506 38
Floating debt		$1,385,503 79
Taxes in arrear for 1895 and previous years $1,641,172 38		
Taxes in arrear for 1895 and previous years for Twenty-first and Twenty-second Wards 80,193 19		
ESTIMATED REQUIREMENTS FOR THE FISCAL YEAR ENDING DECEMBER 31, 1896.		
Department Inspector of Buildings—For Repairs of City Property.		
For engine houses	$7,000 00	
" City Jail	1,500 00	
" City Hall	3,500 00	
" market houses	5,000 00	
" court houses	1,000 00	
" dog pound and other property	1,000 00	
		19,000 00
For Repairs of Public Schools.		
For general repairs	$13,000 00	
" painting school houses	5,000 00	
" partitions and store room	1,000 00	
" substituting wood and iron for plastered ceilings	2,000 00	
		21,000 00
" sanitary and other improvements	3,000 00	
" emptying cess pool	800 00	
" incidentals	200 00	
" livery for two hours and repairs to wagon	600 00	
" salaries	5,500 00	
		10,100 00
Extra outdoor help	6,200 00	
Rental of auxiliary fire-alarm boxes	4,300 00	
Winding clocks on engine houses	200 00	
Building Western Female High School	18,125 90	
" Colored Primary School No. 10	3,323 42	
" City College	99,571 19	
" Male and Female Primary School No. 4	34,695 74	
" No. 9 Colored School	34,985 00	
" " 34 Primary School	17,140 25	
" Temporary Court House	1,593 82	
" Grammar and Primary School in North Baltimore	35,000 00	
" Male and Female Primary School No. 37	23,946 82	
		279,082 14
Amount carried forward		$1,714,685 93

Amount brought forward		$1,714,685 93
Department General Superintendent of Lamps.		
Gas, new posts, lamps and sundries.....	$139,612 50	
Electric lights and expenses.....	170,022 50	
Gasoline and expenses	5,804 00	
Lamplighters' salaries.....	49,842 00	
		365,281 00
Department of Street Cleaning.		
148 garbage carts and men at $18 per week..	$138,528 00	
72 street " " " " $18 " ..	67,392 00	
166 sweepers, scrapers and sewer men at $10 per week.....	86,320 00	
Salaries.....	9,000 00	
Sweeping machines, sprinklers, hire of horses, etc.....	13,000 00	
Dumps	3,964 00	
Contract for removal of garbage.....	9,400 00	
		327,604 00
Harbor Board.		
Harbor docks, etc.....	$35,000 00	
Dredging Jones' Falls.....	15,000 00	
Ice-boats.....	25,000 00	
Repairs to wharves	2,000 00	
New bulkhead in City Dock	6,000 00	
Removal of ashes from tow-boats	1,200 00	
		84,200 00
Fire Department.		
Salaries.....	$275,400 00	
Apparatus	5,800 00	
" repairs.....	8,800 00	
Accidents.....	1,000 00	
Feed	13,000 00	
Fuel.....	4,000 00	
Furniture.....	3,000 00	
Harness	500 00	
Horse-shoeing.....	3,000 00	
Hose and suction tubes.....	9,000 00	
Horses.....	6,900 00	
Gas.....	1,800 00	
Oils and paints	2,500 00	
Office expenses, messenger's salary and printing	1,000 00	
Rent	600 00	
Rent of telephones	610 00	
Miscellaneous	2,000 00	
Washing.....	2,500 00	
Insurance of members	1,998 10	
Sick	1,300 00	
Salaries for ex-members.....	6,383 33	
Police and fire-alarm telegraph	24,674 20	
		375,765 63
Amount carried forward		$2,867,536 56

Amount brought forward		$2,867,536 56
Certain Expenses.		
Criminal Court	$75,000 00	
Baltimore City Court	14,000 00	
Court of Common Pleas	14,000 00	
Superior Court	15,000 00	
Circuit Court	4,500 00	
Circuit Court No. 2	3,000 00	
Orphans' Court	8,000 00	
Supreme Bench	3,600 00	
Judge-at-large	3,500 00	
Judgments and suits	5,000 00	
Coroners	7,000 00	
Fines	1,000 00	
Jail	55,000 00	
Registration	40,000 00	
Magistrates	17,500 00	
		266,100 00
City Poor.		
Bay View Asylum and Insane Asylum	$105,000 00	
Transportation of poor	1,000 00	
Friendly Inn	1,000 00	
St. Mary's Industrial School	20,000 00	
Mount Hope Retreat	33,000 00	
Maryland Hospital for the Insane	30,000 00	
House of Refuge	20,000 00	
House of Reformation	12,000 00	
College of Physicians and Surgeons' Hospital	16,900 00	
University of Maryland Hospital	10,140 00	
St. Vincent's Infant Asylum	7,000 00	
Nursery and Child's Hospital	4,200 00	
St. Elizabeth's Colored Orphan Asylum	4,000 00	
Home of the Friendless	2,100 00	
Industrial Home for Colored Girls	3,000 00	
Female House of Refuge	3,000 00	
Maryland Homeopathic Hospital	3,380 00	
Hospital of the Good Samaritans	3,380 00	
Deaf and dumb at Frederick	500 00	
Shelter for Aged Colored Poor	1,000 00	
Boys' Home Society	3,000 00	
St. Mary's Home for Colored Boys	500 00	
St. Mary's Female Orphan Asylum	9,800 00	
Baltimore University Hospital	6,760 00	
Maryland General Hospital	9,295 00	
St. Joseph's House of Industry	2,000 00	
The Simmons' Home	1,000 00	
St. Joseph's Hospital	5,070 00	
St. Agnes' Hospital	5,070 00	
Manual Training School, House of Refuge	3,000 00	
Manual Labor School	1,500 00	
St. Vincent de Paul Orphan Asylum	2,000 00	
House of Good Shepherd for Colored Girls	2,500 00	
Amounts carried forward	$332,095 00	$3,133,636 56

Amounts brought forward	$332,095 00	$3,133,636 56
Hebrew Hospital and Asylum Association	1,500 00	
Dental Dispensary, University of Maryland	1,000 00	
Southern Homeopathic Free Dispensary	1,000 00	
Northeastern Free Dispensary	1,500 00	
Eastern Free Dispensary	1,800 00	
Baltimore General Free Dispensary	2,000 00	
Baltimore Medical College Free Dispensary	1,500 00	
Maryland Homeopathic Free Dispensary	1,000 00	
College of Physicians and Surgeons' Free Dispensary	1,300 00	
Woman's and Child's Free Dispensary	500 00	
Baltimore University Free Dispensary	1,200 00	
University of Maryland Free Dispensary	1,000 00	
Baltimore College of Dental Surgery Free Dispensary	500 00	
Southern Free Dispensary	1,200 00	
Provident Hospital Free Dispensary	800 00	
Baltimore Eye, Ear and Throat Charity Free Dispensary	500 00	
Evening Dispensary for Working Girls	700 00	
		351,095 00
General Expenditures.		
City Council	$62,000 00	
General expense	1,500 00	
Mayoralty	3,000 00	
Salaries	51,720 00	
City Library salaries	2,400 00	
" " stationery and expenses	7,100 00	
Public printing	4,000 00	
Interest and discount on taxes	150,000 00	
Superintendent of City Hall, salaries	17,580 00	
" " " " expenses	8,630 00	
" " court houses, salaries	4,300 00	
" " " " expenses	4,562 52	
Transportation to House of Correction	250 00	
City property, ground rents	46,000 00	
Enoch Pratt Free Library, sinking fund for 1895	261 11	
Enoch Pratt Free Library, sinking fund for 1896	497 50	
Appeal Tax Court, expenses	800 00	
City Collector and Appeal Tax Court, salaries	60,400 00	
City Collector and Appeal Tax Court, expenses	3,000 00	
Commissioners for Opening Streets, salaries	7,200 00	
" " " " expenses.	200 00	
Elections	18,000 00	
Supervisors of Elections	14,000 00	
Dog Pound	1,300 00	
Liquor License Commissioners	15,000 00	
Amounts carried forward	$483,701 13	$3,484,731 56

Amounts brought forward	$483,701 13	$3,484,731 56
Inspector of Gas and Oil, livery	300 00	
Maryland Institute	9,000 00	
Winding Maryland Institute Clock	75 00	
Ringing Mechanics' Bells	200 00	
General licenses	1,000 00	
Sprinkling Mt. Royal avenue	900 00	
Assistance to Examiner of Titles	800 00	
State Tax on City Loans	46,000 00	
Topographical survey	31,000 00	
Sewerage Commission	17,129 94	
Hose for various markets	700 00	
Veteran Volunteer Firemen's Association	1,000 00	
Free baths	500 00	
Pension account W. H. War	260 00	
Electrical Commission	2,000 00	
Insurance of city property	6,607 50	
		601,173 57
Opening and Closing Streets and Alleys.		
Patapsco alley, from Fort avenue to Ostend street, balance	$ 715 14	
Race street, from Cross street to Fort avenue, balance	946 60	
Burke street, from Baltimore street to Monument street, balance	231 00	
Cooksie street, from Clement street to Cuba street, balance	75 00	
Etting street, from Baker street to North avenue, balance	171 34	
Bouldin alley, from Bloom street to Baker street, balance	112 33	
Forrest street, from south side of Douglas street to Fayette street	18,485 74	
Madison street, from Patterson Park avenue to Gross alley	8,462 21	
Carroll street, from Bayard street to Bush street	1,448 31	
Cleveland street, from Bayard street to Bush street	1,965 29	
Nanticoke street, from Bayard street to Bush street	2,549 23	
Lanvale street, from Patterson Park avenue to Cannon street	11,170 53	
Burrow street, from Fort avenue to Claggett street	1,250 60	
Ludlow street, from Fort avenue to Claggett street	3,659 74	
Dallas street, from Oliver street to Lanvale street	2,369 34	
Patterson avenue, from Fulton avenue to Monroe street	3,543 76	
Amounts carried forward	$57,156 16	$4,085,905 13

Amounts brought forward	$57,156 16	$4,085,905 13
Brunt street, from Laurens street to Robert street	606 53	
Bouldin alley, from Laurens street to Wilson street	357 50	
Ensor street, from Eager street to Chase street	19,548 10	
Ten foot alley, from McKim street to Hillman street	112 70	
Hollins street, from old city limits to Catharine street	38,894 85	
Hollins street, from Calverton road to west line of old city limits	554 35	
Seventh street, from Northwest street to Morris avenue	5,021 71	
Eighth street, from Northwest street to Eighth avenue	3,790 74	
Northwest street, from Seventh street to Ninth street	158 64	
Elgin avenue, from Ninth street to Seventh street	2,966 05	
Myrtle avenue, from Slingluff avenue to Ninth street	7,436 96	
Clifton avenue, from Ninth street to Fourth street	9,605 29	
Barnum street, from Chase street to Maryland avenue	136 33	
Holmes, or Tenth street, from Chase street to Maryland avenue	5,190 51	
Windsor avenue, from Fourth street to Ninth street	5,518 97	
		157,055 39
Public Schools.		
Salaries of teachers and expenses of schools.	$1,061,689 00	
Polytechnic Institute	35,116 00	
Colored Manual Training School	7,750 00	
Purchase of Cook lot	40,000 00	
		1,144,655 00
City Commissioner's Department.		
Repairs of sewers and inlets	$15,000 00	
" bridges	15,000 00	
" paved streets	100,000 00	
" unpaved streets	5,000 00	
Paving in front of city property	1,000 00	
" and repaving Cross street	60,000 00	
Livery	2,500 00	
Light street bridge	8,000 00	
Rental of storage lots	800 00	
Flag and stepping stones	5,000 00	
Gutter plates	2,000 00	
Incidentals	200 00	
Public printing	200 00	
Salaries	32,950 00	
		247,650 00
Amount carried forward		$5,635,265 52

Amount brought forward		$5,635,265 52
Department of Police.		
Salaries of commissioners, secretary, marshals, etc	$18,200 00	
Salaries of captains, lieutenants and men	772,200 00	
Miscellaneous operating expenses	26,500 00	
		817,000 00
Interest on Stock Debt.		
One year's interest on Water Five Per Cent. 1916 Loan	$250,000 00	
One year's interest on Water Four Per Cent. 1922 Loan	20,000 00	
One year's interest on Water Four Per Cent. 1926 Loan	40,000 00	
One year's interest on Funding Six Per Cent. 1900 Loan	48,000 00	
One year's interest on Funding Five Per Cent. 1916 Loan	50,000 00	
One year's interest on Harford Run Four Per Cent. 1920 Loan	10,000 00	
One year's interest on Paving Four Per Cent. 1920 Loan	20,000 00	
One year's interest on Consolidated Three and One-half Per Cent. 1930 Loan	175,000 00	
One year's interest on Jones' Falls Six Per Cent. 1900 Loan	48,000 00	
One year's interest on Jones' Falls Five Per Cent. 1900 Loan	47,850 00	
One year's interest on Jones' Falls Three-and-sixty-five-hundredths Per Cent. 1900 Loan,	17,629 50	
One year's interest on Jones' Falls Three-and-one-half Per Cent. 1900 Loan	5,600 00	
One year's interest on Jones' Falls Three Per Cent. 1900 Loan	3,000 00	
One year's interest on City Hall Six Per Cent. 1900 Loan	60,000 00	
One year's interest on City Hall Six Per Cent. 1902 Loan	30,000 00	
One year's interest on Western Maryland Railroad Six Per Cent. 1902 Loan	60,000 00	
One year's interest on Western Maryland Railroad Four Per Cent. 1925 Loan	27,360 00	
One year's interest on Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan	55,380 00	
One year's interest on Internal Improvement Three-and-one-half Per Cent. 1928 Loan	169,750 00	
One year's interest on Public Improvement Three-and-one-half Per Cent. 1940 Loan	128,884 00	
One year's interest on Four Million Three-and-one-half Per Cent. 1945 Loan	25,287 50	
Amounts carried forward	$1,291,741 00	$6,452,265 52

Amounts brought forward		$1,291,741 00	$6,452,265 52
One year's interest on Harford Run Four Per Cent. 1904 Loan		14,000 00	
One year's interest on Patterson Park Four Per Cent. 1920 Loan		8,000 00	
One year's interest on McDonogh Extension Five Per Cent. 1916 Loan		14,000 00	
One year's interest on Western Maryland Railroad Six Per Cent. Third Mortgage Bonds		52,500 00	
		$1,380,241 00	
Interest paid by Commissioners of Finance	$112,500 00		
Interest paid by Water Board	310,000 00		
Interest paid by Western Maryland Railroad Company	82,740 00		
Interest paid by Park Board	33,287 50		
		538,527 50	
			841,713 50
Department of Health.			
Salaries		$44,800 00	
General health		20,000 00	
Nuisances and sewers		16,000 00	
Post-mortem		1,500 00	
Quarantine Hospital		20,000 00	
Removing filth from docks		5,000 00	
Removal of canning and packing houses' refuse		5,000 00	
			112,300 00
City Annex—21st and 22d Wards.			
Repairs of roads, streets and bridges, City Commissioner		$ 30,000 00	
Salaries, City Commissioner		2,000 00	
Public schools, for salaries		115,775 00	
" " " sundries		31,500 00	
Public schools, for balance of appropriation for flags		999 37	
Health Department, for salaries		3,800 00	
" " nuisances and sewers		3,000 00	
Street Cleaning Department, 16 garbage carts and drivers at $18 per week		14,976 00	
Street Cleaning Department, 6 street carts and drivers at $18 per week		5,616 00	
Street Cleaning Department, 13 sweepers, scrapers and sewer men at $10 per week		6,760 00	
Street Cleaning Department, salary of Superintendent		1,000 00	
Street Cleaning Department, tools		125 00	
Inspector of Buildings, extra help		1,240 00	
Inspector of Buildings, livery and repair to wagon		300 00	
Amounts carried forward		$217,091 37	$7,406,279 02

Amounts brought forward	$217,091 37	$7,406,279 02
Inspector of Buildings, repairs to city property	5,000 00	
Department of Lamps, electric lights	2,690 00	
" " " gasoline, etc	8,796 00	
" " " gas, new posts, etc	22,735 00	
" " " lamplighters' salaries	15,080 00	
Fire Department, salaries	32,700 00	
Fire Department, police and fire-alarm telegraph	1,000 00	
Fire Department, deficiency for 1895	588 40	
" " supplies	11,003 80	
		316,684 57
		$7,722,963 59

STATEMENT C.

Estimated collection of taxes in arrears during the year for city and annex	$1,300,000 00
From State of Maryland for public schools	219,000 00
" liquor licenses	405,000 00
" fines, jail-removed cases, etc	11,700 00
" Bay View Asylum	1,500 00
" sale of refuse from cleaning streets	900 00
" Quarantine Hospital	5,000 00
" permits for sheds, signs, etc	13,000 00
" City Commissioner, sale of old material, etc	4,000 00
" General Superintendent of Lamps	2,500 00
" market houses, halls, etc	45,000 00
" rent of public wharves, net	21,000 00
" general licenses	67,000 00
" auction duties	7,000 00
" Chesapeake and Potomac Telephone Company	4,600 00
	$2,107,200 00

STATEMENT D.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Criminal Court	$81,046 87	$65,000 00	$65,000 00		
Baltimore City Court	14,642 45	13,000 00	13,000 00		
Court of Common Pleas	13,703 42	14,000 00	14,000 00		
Superior Court	14,682 95	15,000 00	15,000 00		
Circuit Court	4,307 80	4,500 00	4,500 00		
Circuit Court No. 2	2,555 35	3,000 00	3,000 00		
Orphans' Court	7,917 95	8,000 00	8,000 00		
Supreme Bench	3,475 00	3,600 00	3,600 00		
Judge-at-large	2,645 16	3,500 00	3,500 00		
Judgments and suits	6,094 71	430 83			$430 83
Coroners	7,000 00	7,000 00	7,000 00		
Fines	625 50	3,697 06			3,697 06
Jail	51,284 91	61,984 19	55,000 00		6,984 19
Registration	28,962 19	29,000 00	29,000 00		
Magistrates	17,473 07	16,000 00	16,000 00		
Removed cases		891 62			891 62
Certain expenses		223,998 10		$223,998 10	
Schools.					
Public schools	1,006,657 84	2,127,285 30	1,017,765 00	890,080 88	219,439 42
Flags at public schools	500 63	1,500 00	1,500 00		
Purchase of lot for Public School No. 4	5,000 00	5,000 00	5,000 00		

Purchase of ground for Male and Female Primary School No. 37	8,500 00	10,000 00	10,000 00		
Purchase of lot ground for Male and Female Grammar School No. 13	4,500 00	4,500 00	4,500 00		
City poor		323,932 54		323,932 54	
Bayview	104,061 24	106,501 85	105,000 00		1,501 85
Transportation of poor	889 42	921 58	800 00		121 58
Friendly Inn	1,000 00	1,000 00	1,000 00		
Dispensaries	16,500 00	16,500 00	16,500 00		
St. Mary's Industrial School	20,000 00	20,000 00	20,000 00		
Mount Hope Retreat	33,000 00	33,000 00	33,000 00		
Maryland Hospital for the Insane	30,000 00	30,000 00	30,000 00		
House of Refuge	20,000 00	20,000 00	20,000 00		
House of Reformation	12,000 00	12,000 00	12,000 00		
College of Physicians and Surgeons' Hospital	16,900 00	16,900 00	16,900 00		
University of Maryland Hospital	10,099 15	10,140 00	10,140 00		
St. Vincent's Infant Asylum	7,000 00	7,000 00	7,000 00		
Nursery and Child's Hospital	4,194 96	4,200 00	4,200 00		
St. Elizabeth's Colored Orphan Asylum	4,000 00	4,000 00	4,000 00		
Home of the Friendless	2,100 00	2,100 00	2,100 00		
Industrial Home for Colored Girls	3,000 00	3,000 00	3,000 00		
Female House of Refuge	3,000 00	3,000 00	3,000 00		
Maryland Homeopathic Hospital	3,264 32	3,380 00	3,380 00		
Hospital of the Good Samarit'n	3,072 07	3,380 00	3,380 00		
Amounts carried forward	$1,576,556 96	$3,241,843 07	$1,570,765 00	$1,438,011 52	$233,066 55

STATEMENT D—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$1,576,556 96	$3,241,843 07	$1,570,765 00	$1,438,011 52	$233,066 55
Deaf and Dumb at Frederick	441 51	500 00	500 00	.....	.....
Shelter for Aged Colored Poor	1,000 00	1,000 00	1,000 00	.....	.....
Boys' Home Society	3,000 00	3,000 00	3,000 00	.....	.....
St. Mary's Home for Col'd Boys	500 00	500 00	500 00	.....	.....
St. Mary's Female Orphan Asylum	9,800 00	9,800 00	9,800 00	.....	.....
Baltimore University Hospital	6,745 17	6,760 00	6,760 00	.....	.....
Maryland General Hospital	9,295 00	9,295 00	9,295 00	.....	.....
St. Joseph's House of Industry	2,000 00	2,000 00	2,000 00	.....	.....
The Simmin's Home	1,000 00	1,000 00	1,000 00	.....	.....
St. Joseph's Hospital	5,070 00	5,070 00	5,070 00	.....	.....
St. Agnes' Hospital	5,070 00	5,070 00	5,070 00	.....	.....
Manual Training School—House of Refuge	3,000 00	3,000 00	3,000 00	.....	.....
Manual Labor School	1,500 00	1,500 00	1,500 00	.....	.....
St. Vincent de Paul Orphan Asylum	2,000 00	2,000 00	2,000 00	.....	.....
House of Good Shepherd for Colored Girls	2,500 00	2,500 00	2,500 00	.....	.....
Hebrew Hospital and Asylum Association	1,500 00	1,500 00	1,500 00	.....	.....
Harbor Commission.					
Harbor	34,920 81	35,000 00	35,000 00	.....	.....
Ice-boats	24,999 44	25,000 00	25,000 00	.....	.....
Repairs of wharves	1,948 98	2,000 00	2,000 00	.....	.....
Bush-street dock	3,777 09	8,500 00	8,500 00	.....	.....

Removal of ashes from tow-boats	1,157 83	1,500 00	1,500 00		
Dredging Jones' Falls	10,000 00	10,000 00	10,000 00		
Police Department	808,995 00	1,583,634 48	810,400 00	773,234 48	
Street Cleaning Department,					
Cleaning streets	302,415 85	314,763 70	313,828 00		935 70
" " special	39,013 49	40,000 00	40,000 00		
Removal of garbage	9,400 00	9,400 00	9,400 00		
Health Department.					
Health	14,009 31	16,007 00	16,000 00		7 00
" salaries	44,750 39	44,800 00	44,800 00		
Quarantine Hospital	17,003 27	22,799 42	18,000 00		4,799 42
Nuisances	12,952 30	13,000 00	13,000 00		
Removing filth from docks	2,961 78	3,000 00	3,000 00		
Removal of refuse from packing houses	5,000 00	5,000 00	5,000 00		
Post-mortems	1,500 00	1,500 00	1,500 00		
Fire Department.					
Salaries and incidentals	335,331 07	342,686 51	342,141 26		545 25
Hook and Ladder Company No. 10	15,986 63	16,000 00	16,000 00		
Engine Company No. 17	21,955 25	22,000 00	22,000 00		
" " No. 19	21,790 35	22,000 00	22,000 00		
Fire-alarm boxes, various places	875 00	875 00	875 00		
Amounts carried forward	$3,361,722 48	$5,835,804 18	$3,385,204 26	$2,211,246 00	$239,353 92

STATEMENT D—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$3,361,722 48	$5,835,804 18	$3,385,204 26	$2,211,246 00	$239,353 92
Reconstructing office of the Police and Fire-Alarm Tel.	5,000 00	5,000 00	5,000 00		
Inspector of Buildings' Dept.					
Salaries and incidentals	6,276 27	6,300 00	6,300 00		
Extra help	6,200 00	6,200 00	6,200 00		
Permits for sheds, signs, etc	327 78	13,271 87			13,271 87
Building Western Female High School	7,543 86	30,000 00	30,000 00		
Building Hook and Ladder House No. 10	4,385 00	4,940 00	4,940 00		
Building Primary School No. 35	28,296 90	28,296 90	28,296 90		
" " " No. 34	12,959 75	30,000 00	30,000 00		
" " " No. 4	304 26	35,000 00	35,000 00		
" " " No. 37	1,053 18	12,500 00	12,500 00		
" Balto. City College		22,000 00	22,000 00		
Building Col'd Primary School No. 9	15 00	35,000 00	35,000 00		
Sanitary & other improvem'ts.	2,047 87	3,000 00	3,000 00		
Repairs of schools	16,487 05	17,000 00	17,000 00		
" city property	12,613 36	13,500 00	13,500 00		
Winding clocks at engine houses	200 00	200 00	200 00		
Completion of English-German School No. 6	5,889 74	6,000 00	6,000 00		
Cleaning Battle Monument	50 00				
Repairing damages to Fire-Alarm Telegraph Office	1,500 00	1,500 00	1,500 00		
Cleaning cess pools	621 75	700 00	700 00		

Rental of auxiliary fire-alarm boxes	4,300 00	4,300 00	4,300 00		
Fitting up and furnishing Judge Dobler's office	450 00	450 00	450 00		
Repairs of 5th Regt. Armory	600 00	600 00	600 00		
Fire escape, No. 20 Primary School	488 38	550 00	550 00		
Painting roof, 5th Regt. Armory	156 96	250 00	250 00		
Partition, No. 5 Primary School	125 00	400 00	400 00		
Building temporary court house	29,406 18	31,000 00	31,000 00		
City Commissioner's Department.					
Salaries and incidentals	11,552 00	10,854 00	10,760 00		94 00
Repairs of paved streets	79,532 91	75,728 49	75,684 54		43 95
Repairs of unpaved streets	1,500 00	1,600 00	1,500 00		100 00
Repairs of bridges	8,654 20	4,786 33	4,319 01		467 32
Repairs of sewers	9,268 14	8,529 20	5,000 00		3,529 20
Improvement of Harford Run	9,883 57				
Building North-ave. bridge—special	2,747 78				
Light-street bridge	6,967 74	6,197 15	5,877 68		319 47
Cross street, paving and repaving	4,697 86	7,000 00	7,000 00		
Paving in front of city prop'y	263 77	553 54	553 54		
Flag and stepping-stones	1,994 55	2,000 00	2,000 00		
Board walk, North avenue	88 18	117 34	117 34		
Repaving to Camden, Dover and Sharp streets	363 26	363 26	363 26		
Macadamizing Monument st., etc	2,000 00	2,000 00	2,000 00		
Macadamizing Marshall ave.	250 00	250 00	250 00		
Macadamizing E. Baltimore st.	1,998 56	2,000 00	2,000 00		
Amounts carried forward	$3,650,78329	$6,265,742 26	$3,797,316 53	$2,211,246 00	$257,179 73

STATEMENT D.—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$3,650,783 29	$6,265,742 26	$3,797,316 53	$2,211,246 00	$257,179 73
Resurfacing Camden street	2,481 71	2,481 71	2,481 71	.....	.....
Repairing gutter, Paca street and Druid Hill avenue	200 00	200 00	200 00	.....	.....
Repairs around Marsh Market, City Hall, etc	938 60	938 60	938 60	.....	.....
Iron plates, Pratt and Caroline streets	1,195 17	1,200 00	1,200 00	.....	.....
Iron plates, Dillon street and Canton avenue	749 84	775 00	775 00	.....	.....
Inlets, Carey and Lombard sts.	997 77	1,000 00	1,000 00	.....	.....
Inlets, Eagle st. & Addison al.	475 17	500 00	500 00	.....	.....
Inlets, Pennsylvania avenue and Oxford street	573 32	600 00	600 00	.....	.....
Inlets, Carrollton avenue and Saratoga street	347 28	350 00	350 00	.....	.....
Graveling Ridgely street	1,980 17	2,000 00	2,000 00	.....	.....
Grading Ridgely street	2,000 00	2,000 00	2,000 00	.....	.....
Repairing Block-st.drawbridge	1,786 14	1,786 14	1,786 14	.....	.....
Approaches to North-avenue bridge	79,643 83	80,000 00	.....	.....	80,000 00
Foot bridge, Frederick road	263 68	300 00	300 00	.....	.....
Park Commission.					
Park Board	237,462 38	238,675 15	.....	.....	238,675 15
Patterson Park extension	15,229 34	15,200 00	15,000 00	.....	200 00
Harlem Park	3,995 41	3,999 63	.....	.....	3,999 63
Madison Square	2,279 16	2,466 00	.....	.....	2,466 00
Eastern Fountain	1,325 08	1,438 15	.....	.....	1,438 15
Franklin Square	1,426 44	1,499 52	.....	.....	1,499 52

Union Square	1,185 38	1,197 91			1,197 91
Perkins' Spring Square	1,500 00	1,499 90			1,499 90
Park Place "	1,223 46	1,495 67			1,495 67
Lafayette "	1,984 68	1,994 06			1,994 06
Jackson "	1,267 34	1,399 73			1,399 73
Mt. Vernon Squares	1,600 00	1,600 00			1,600 00
Broadway Squares, first division	2,932 55	2,864 75			2,864 75
Broadway Squares, second division	1,825 22	1,999 92			1,999 92
Broadway Squares, third division	2,838 20	2,999 97			2,999 97
Eutaw Squares, first division	1,788 76	1,800 00			1,800 00
Eutaw Squares, second division	1,949 47	1,999 99			1,999 99
Ashland Square	122 20	135 06			135 06
Wilkens' Avenue Squares	2,237 72	2,499 62			2,499 62
Fulton " " and Baker Circle	3,423 68	3,499 39			3,499 39
Taney Place Square	285 36	287 35			287 35
Mt. Royal Avenue Squares	2,769 05	2,908 96			2,908 96
General Superintendant of Lamps.					
Inspecting gas-meters		2,326 25			2,326 25
Gas	139,976 11	140,228 00	140,000 00		228 00
Gasoline	6,617 15	6,749 00	6,749 00		
Electric lights	140,874 56	142,000 00	142,000 00		
Salaries	3,000 00	3,000 00	3,000 00		
Lamplighters, salaries	49,842 00	47,930 00	47,930 00		
Amounts carried forward	$4,375,376 67	$6,995,567 69	$4,166,126 98	$2,211,246 00	$618,194 71

STATENENT D.—Continued.

Names of Accounts.	Face of Ledger.		Appropriations.	Received from Collector of Taxes	Received from Other Sources.
	Dr.	Cr.			
Amounts brought forward ..	$4,375,376 67	$6,995,567 69	$4,166,126 98	$2,211,246 00	$618,194 71
General Expenditures.					
City Council	60,936 55	58,000 00	58,000 00	.....	.....
General expense.....	1,370 18	1,500 00	1,500 00	.....	.....
City and Circuit Courts	4,493 83	4,687 00	4,639 00	.....	48 00
Court House	5,033 04	5,047 00	5,014 00	.....	33 00
Lafayette Market.....	256 33	2,133 00	.....	.....	2,133 00
Centre Market	642 30	5,727 90	.....	.....	5,727 90
Belair Market.....	540 89	7,606 20	.....	.....	7,606 20
Fells' Point Market	513 50	6,263 80	.....	.....	6,263 80
Lexington Market.....	676 90	6,731 00	.....	.....	6,731 00
Richmond Market.....	399 75	1,630 20	.....	.....	1,630 20
Hanover Market	435 96	4,455 85	.....	.....	4,455 85
Cross Street Market.....	286 80	4,092 60	.....	.....	4,092 60
Hollins Market	336 00	3,564 50	.....	.....	3,564 50
North-East Market	316 75	1,605 10	.....	.....	1,605 10
Canton Market.....	176 75	474 10	.....	.....	474 10
Cross Street Hall.....	29 00	113 00	.....	.....	113 00
Hollins Hall.....	109 00	223 50	.....	.....	223 50
Wharfage.....	7,321 86	28,315 07	.....	.....	28,315 07
Wharfage, Sixth District.....	12 00	60 00	.....	.....	60 00
Salaries.....	51,711 32	51,720 00	51,720 00	.....	.....
City Library	9,241 95	10,834 87	10,765 51	.....	69 36

City Library, salaries	2,400 00	2,400 00	2,400 00		
Public printing	1,362 83	2,210 05	2,034 75		175 30
Interest	165,997 63	231,087 20	90,000 00	141,085 12	2 08
Interest on stock debt	1,316,784 38	1,822,863 50	1,339,203 50		483,660 00
Superintend't of the City Hall.	29,866 68	30,000 00	30,000 00		
Mayoralty	2,395 31	3,030 79	3,000 00		30 79
Special appropriations	2,856 84	2,856 84	2,856 84		
Transportation to House of Correction	230 90	250 00	250 00		
City property	44,630 02	44,794 00	44,506 00		288 00
Appeal Tax Court	660 85	800 00	800 00		
City Collector	58,595 83	58,600 00	58,600 00		
Commissioners for Opening Streets	7,353 30	7,400 00	7,400 00		
Elections	16,390 67	16,561 70	16,500 00		61 70
Dog Pound	1,246 88	1,687 70	1,300 00		387 70
Supervisors of Elections	10,667 46	11,000 00	11,000 00		
Liquor License Commission	14,862 11	15,009 75	15,000 00		9 75
Inspector of Gas and Oils (livery)	272 75	300 00	300 00		
Maryland Institute	9,000 00	9,000 00	9,000 00		
Winding Maryland Institute clock	75 00	75 00	75 00		
Ringing Mechanics' bells	200 00	200 00	200 00		
Tax sales	4,213 48	2,515 38			2,515 38
Repairing Washington Monument	350 00	350 00	350 00		
Water Board	609,573 47	759,500 32			759,500 32
Removing fountain from 378 Forrest street	50 00	50 00	50 00		
Drinking fountains, various places	850 00	1,000 00	1,000 00		
Amounts carried forward	$6,821,103 72	$10,223,894 61	$5,933,591 58	$2,352,331 12	$1,937,971 91

STATEMENT D.—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$6,821,103 72	$10,223,894 61	$5,933,591 58	$2,352,331 12	$1,937,971 91
Drinking fountain, S. W. cor. Hollins st. and Arlington av.	75 00	75 00	75 00		
Fire-plugs, various places	1,625 00	1,625 00	1,625 00		
General licenses	748 33	68,401 63	1,000 00		67,401 63
City seal		10 50			10 50
Liquor licenses		405,891 95			405,891 95
Refunded taxes	5,872 40				
Temporary loans	3,750,000 00	3,765,000 00			3,765,000 00
Auction duties		7,184 58			7,184 58
Sprinkling Mt. Royal ave., etc.	650 00	900 00	900 00		
Direct tax		1,454,903 86		1,454,903 86	
Miscellaneous stocks		800,829 80		800,829 80	
Opening streets		69,659 70		69,659 70	
Water tax		15,205 87		15,205 87	
General Sinking Fund	140,758 46	140,758 46		140,758 46	
Water 1926 Sinking Fund	28,153 84	28,153 84		28,153 84	
Internal Improvement 1928 Sinking Fund	84,457 19	84,457 19		84,457 19	
Four Million Loan Sinking Fund	10,276 49	10,276 49		10,276 49	
Public Improvement 1940 Sinking Fund	53,605 50	53,605 00		53,605 50	
Fourth Regiment, I. M. N. G.	3,000 00	3,000 00	3,000 00		
Assistance to Examiner of Titles	800 00	800 00	800 00		
Insurance of Bay View Asylum		5 83			5 83
Telephone conduits		4,635 80			4,635 80

State tax on city loans	42,508 40	50,202 76	44,000 00		6,202 76
Refuse		259 00			259 00
Codifying ordinances	200 00	200 00	200 00		
Topographical Survey	23,020 31	31,464 09	31,000 00		464 09
Sewerage Commission	4,693 38	21,823 32	21,823 32		
Intestate estates		132 10			132 10
Turnpike dividends		376 60			376 60
Rent of fence, Fayette street, etc		115 00			115 00
Hose for various markets	677 81	800 00	800 00		
Rental of room, Clerk of Superior Court	225 00	237 50	237 50		
Veteran Volunteer Firemen's Association	1,000 00	1,000 00	1,000 00		
Conscience Fund		345 00			345 00
City Council Investigating Committee	5,174 26	7,563 89	7,563 89		
Purchase of lot rear of No. 2 Engine House	1,497 00	1,500 00	1,500 00		
Free baths	498 30	500 00	500 00		
Pension account, W. H. War.	260 00	260 00	260 00		
Sale of topographical maps		100 00			100 00
Electrical Commission	1,169 88	3,000 00	3,000 00		
Sale of old material, new Court House		10 00			10 00
Opening Streets.					
Randall street	826 33	1,344 66	218 33	908 00	218 33
Webster street	672 13	737 46	672 13		65 33
Windsor avenue	50 52				
Myrtle avenue	62 53				
Amounts carried forward	$10,983,661 78	$17,261,246 99	$6,053,766 75	$5,011,089 83	$6,196,390 41

STATEMENT D.—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$10,983,661 78	$17,261,246 99	$6,053,766 75	$5,011,089 83	$6,196,390 41
Ward street	377 40	377 40	7 40	370 00	
Cleveland street	61 90				
Ludlow "	65 71	159 00		159 00	
Ensor "	71 18	4,488 50		4,488 50	
Burrow "	63 78	266 83		266 83	
Clement "	816 66	816 66	816 66		
Henry "	396 00	396 00	183 00	213 00	
Forrest "	24 90	2,331 95		2,331 95	
Port alley	188 47				
Lanvale street	67 53	1,155 86		1,155 86	
Madison "	17,643 19	16,554 34	6,154 54	10,185 55	214 25
A 70-foot alley	1,525 50				
Carroll street	63 03	422 81		422 81	
Nanticoke street	63 15	751 00		751 00	
Bruce alley	1,020 00	1,352 51	191 76	1,160 75	
South Fulton avenue	8 50				
Patapsco alley	650 00	1,365 14	984 89	380 25	
Race street		946 60	946 60		
Burke street	332 14	231 00	231 00		
Cooksie street		75 00	75 00		
Northwest street	6,619 20	6,929 98	1,756 48	5,173 50	
Townsend "	75 00				

Cannon street	77 20				
Luzerne "	140 33				
Neighbor "	18 70				
Rose "	27 25				
Allusion "	229 80				
Brunt "	182 54	301 83		301 83	
Bayard "	105 93				
Dallas "	66 28	193 47		193 47	
Castle "	393 65				
Clarkson alley	450 00				
Patterson avenue	312 35				
Collington "	9,080 00	9,080 00	2,613 50	6,466 50	
Great Constitution street	143 95				
Bouldin alley	10,881 44	9,323 27	6,048 11	3,170 16	105 00
A 10-foot alley	86 05	24 00		24 00	
Bradford street	327 27				
Etting street	151 67	2,411 34	171 34		2,240 00
Birckhead street		324 11		324 11	
Pulaski street	35 00				
Payson street	35 00				
Paving Streets.					
Gold street	2,677 45	2,388 27		2,388 27	
Northwest street	90				
Riggs avenue	244 47				
Amounts carried forward	$11,039,462 25	$17,323,913 86	$6,073,947 03	$5,051,017 17	$6,198,949 66

STATEMENT D.—Continued.

Names of Accounts.	Face of Ledger.		Appropriations.	Received from Collector of Taxes.	Received from Other Sources.
	Dr.	Cr.			
Amounts brought forward	$11,039,462 25	$17,323,913 86	$6,073,947 03	$5,051,017 17	$6,198,949 00
McCulloh street	76 21				
Preston "	1,101 15	13,954 05		13,954 05	
Wolfe "	519 58	1,121 93		1,121 93	
Chester "	288 37	1,638 46		1,638 46	
Appleton "	283 21	212 75		212 75	
Patterson Park avenue	10,988 96	10,089 85		10,089 85	
Federal street	9 20				
Milton avenue	260 56				
Ridgely street	648 89	42			42
Oliver "	15 60				
Johnson "	321 24	1,202 88		1,202 88	
Eastern avenue	517 81	4,882 69		4,882 69	
Jefferson street	354 88				
Brevard "	396 25				
Cannon "	649 41	16,561 87		16,561 87	
Lanvale "	480 44				
Pulaski "	3,022 64	3,808 81		3,808 81	
Luzerne "	260 56				
Penn "	1,500 00	1,500 00	1,500 00		
Covington "	238 83				
Bush "	6,865 22	8,000 00	8,000 00		
McElderry "	159 98				

Hamburg street	253 26				
Montford avenue	259 58				
Rose street	197 66				
Whitelock street	287 64	18 46		18 46	
Bayard street	25 00				
Clement street	25 00				
Chase street	237 79	582 04		582 04	
Widening Gay street	69 03	10,030 87		10,030 87	
Widening East and Chesnut streets	110 00				
Closing Court-house lane	106 98	306 48	306 48		
Internal Improvement 1928 Loan.					
Building Colored Primary School No. 10	20,676 58				
Druid Hill-avenue sewer	1,911 14				
Bush-street sewer	3,370 93				
Penn-street sewer	70 06				
Fremont-street sewer	258 22				
Presbury-street sewer	162 71				
Pulaski-street sewer	701 48				
Paving Eutaw street	3,185 84				
" East Lexington street	1,650 02				
" West " "	9,058 09				
Paving Lexington and Fayette streets	615 66				
Amounts carried forward	$11,111,654 81	$17,397,825 42	$6,083,753 51	$5,115,121 83	$6,198,950 08

STATEMENT D.—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$11,111,654 81	$17,397,825 42	$6,083,753 51	$5,115,121 83	$6,198,950 08
Public Improvement 1940 Loan.					
Public Improvement 1940 Loan	17,850 00	967,850 00			967,850 00
Building Western Female High School	69,104 00				
Purchase of lot and bldg. English-German School No. 6	27,454 52				
Building Balto. City College	72,428 81				
Building North-ave. bridge	40,698 57				
Building Edmondson-avenue bridge	12,560 64				
Building Monroe-st. bridge	6,810 97				
Bush-street sewer	15,745 52				
Patapsco-st. sewer extension	22,404 89				
Charles-street sewer	29,138 41				
Bruce-alley sewer	30,996 23				
Fremont-avenue sewer	34,164 37				
Building Columbia-av. bridge	16,616 90				
Completion of North-avenue bridge and approaches	35,663 62				
Fort-avenue sewer	40,355 21				
Barclay-street sewer	182 08				
Presstman-street sewer	9,302 44				
Orleans-street sewer	4,496 71				
Alluvion-street sewer	3,163 11				

Druid Hill-avenue sewer	22,765 57				
Brice-alley sewer	4,712 33				
New Court House	59,785 90				
Topographical Survey	21,024 98				
Underground wires	94,618 05				
Paving Maryland avenue	7,857 64				
" Park "	234 58				
Paving Hanover and Lexington streets, and streets around Richmond Market	657 51				
Paving Calvert street	571 60				
" Pratt "	4,747 60				
" Fayette "	7,492 19				
" Franklin "	1,646 69	72 00			72 00
" Saratoga "	6,017 70				
" Gay "	793 41				
" Holliday "	3,615 98				
" Poppleton street	700 00				
" East Baltimore street	8,544 36				
" Aliceanna street	2,220 00				
" Front "	2,061 25				
" Fort avenue	17,912 94				
" Boston street	2,752 71				
" Chase "	10,437 06				
" Broadway	303 31				
Opening Whitelock street	39,619 69	15,051 50		14,761 50	290 00
Sale of old material		667 70			667 70
Amounts carried forward	$11,921,884 86	$18,381,466 62	$6,083,753 51	$5,129,883 33	$7,167,829 78

STATEMENT D—Continued.

Names of Accounts.	Face of Ledger. Dr.	Face of Ledger. Cr.	Appropriations.	Received from Collector of Taxes	Received from Other Sources.
Amounts brought forward	$11,921,884 86	$18,381,466 62	$6,083,753 51	$5,129,883 33	$7,167,829 78
Four Million 1945 Loan.					
Four Million 1945 Loan	48,096 00	770,596 00			
Purchase of Clifton Park	722,366 30				
CITY ANNEX.					
Gen'l Superintendent of Lamps.					
Gas	16,830 55	18,000 00	18,000 00		
Gasoline	6,970 99	7,000 00	7,000 00		
Electric lights	819 70	1,277 50	1,277 50		
Lamplighters' salaries	15,608 00	15,080 00	15,080 00		
Fire Department.					
Salaries and incidentals	43,260 18	43,260 18	43,260 18		
Fire-plugs at Carroll	250 00				
Health Department.					
Health, salaries	3,799 84	3,800 00	3,800 00		
Nuisances	1,909 75	2,000 00	2,000 00		
Inspector of Buildings' Dep't.					
Livery, etc	300 00	300 00	300 00		
Extra help	1,240 00	1,240 00	1,240 00		

Repairs of city property	3,419 60	4,500 00	4,500 00		
Cleaning streets	25,146 83	26,085 00	26,085 00		
City Collector	3,799 92	3,800 00	3,800 00		
City Commissioner's Department.					
Repairs of streets, roads, etc.	10,033 93	9,599 09	9,594 18		4 91
Repairing Montebello avenue	294 11	300 00	300 00		
" St Ann's avenue	493 59	500 00	500 00		
" Friendship lane	494 17	500 00	500 00		
" Jenkins lane	992 45	1,000 00	1,000 00		
" Twentieth street	987 54	1,000 00	1,000 00		
Shelling Chestnut Hill avenue	136 40	150 00	150 00		
Macadamizing Park Heights avenue	4,950 73	5,000 00	5,000 00		
Public schools	142,914 88	143,300 00	143,300 00		
Interest	3,400 39	4,249 59		4,249 59	
Direct tax		161,930 61		161,930 61	
Refunded taxes	251 13				
Special assessment	1,729 97				
Fire-alarm box, Gorsuch avenue and Quaker lane	173 22	175 00	175 00		
Fire-alarm box, Brady avenue and York road	175 00	175 00	175 00		
Fire-alarm box, York road and Twenty-second street	149 50	150 00	150 00		
Mayor and City Council	6,371,940 37				
Cash	13,234,494 22	12,982,879 53			
Totals	$32,589,314 12	$32,589,314 12	$6,371,940 37	$5,296,063 53	$7,938,430 69

STATEMENT E.

Receipts and Disbursements from December 31, 1894, to December 31, 1895.

	Receipts.	*Disbursements.*
January	$1,095,589 26	$1,006,036 01
February	985,795 67	919,730 44
March	805,316 04	1,040,940 62
April	792,075 99	699,240 8$
May	888,264 47	1,654,729 54
Jnne	2,706,122 27	1,012,331 37
July	1,636,421 19	1,250,307 28
August	660,753 95	1,822,026 18
September	1,000,073 44	1,172,107 55
October	693,819 15	679,144 47
November	762,469 43	927,346 37
December	1,207,793 36	798,938 82
	$13,234,494 22	$12,982,879 53
Balance December 31, 1894	268,946 66	.....
" " 31, 1895	.....	520,561 35
	$13,503,440 88	$13,503,440 88

STATEMENT F.

Statement showing the Monthly Returns of the "Keepers of the Standards of Weights and Measures" from March 1, 1895, to December 31, 1895.

1895.	N. W. District.	S. W. District.	N. E. District.	S. E. District.	Southern District.	Totals.
March	$319 56	$292 35	$261 60	$267 71	$278 30	$1,419 52
April	298 14	260 85	271 48	289 93	294 15	1,414 55
May	270 32	240 84	310 02	290 52	217 61	1,329 31
June	245 84	204 00	206 20	210 14	119 63	985 81
July	110 08	65 44	102 02	118 46	141 86	537 86
August	170 25	98 44	132 90	156 75	118 18	676 52
September	143 32	26 40	91 16	70 23	56 36	387 47
October	86 12	18 05	61 32	54 48	27 56	247 53
November	46 52	13 56	28 52	18 24	12 00	118 84
December	22 42	7 76	9 29	13 40	16 96	69 83
Totals	$1,712 57	$1,227 69	$1,474 51	$1,489 86	$1,282 61	$7,187 24

COMMUNICATIONS.

OFFICE FIRE COMMISSIONERS—CITY HALL,

BALTIMORE, January 6, 1896.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR.—The following are the estimates for the City and Annex Fire Departments for the year of 1896:

City.

Salaries	$275,400 00
Apparatus	5,800 00
Apparatus repairs	8,800 00
Accident	1,000 00
Feed	13,000 00
Fuel	4,000 00
Furniture	3,000 00
Harness	500 00
Horseshoeing	3,000 00
Hose and suction tubes	9,000 00
Horses	6,900 00
Gas	1,800 00
Oils and paints	2,500 00
Office expenses, including printing report and messenger's salary	1,000 00
Rent	600 00
Rent of telephones	610 00
Miscellaneous	2,000 00
Washing	2,500 00
Insurance of members	1,998 10
Sick	1,300 00
Salaries for ex-members	6,383 33
Police and fire-alarm telegraph	24,674 20
Total	$375,765 63

Annex.

Deficiency for 1895	$ 588 40
Salaries	32,700 00
Apparatus	100 00
Apparatus repairs	1,000 00
Accident	200 00
Feed	3,000 00
Fuel	500 00
Furniture	250 00
Harness	200 00
Horseshoeing	600 00
Hose	300 00
Horses	2,500 00
Amount carried forward	$41,938 40

Amount brought forward	$41,938 40
Gas	300 00
Oils and paints	500 00
Rent	600 00
Rent of telephones	35 00
Miscellaneous	300 00
Washing	275 00
Insurance of members	243 80
Sick	100 00
Police and fire-alarm telegraph	1,000 00
Total	$45,292 20

Very Respectfully,

J. ALEXANDER PRESTON, *President.*

Office of the Commissioners of Public Schools—City Hall.

Raltimore, January 7, 1896.

John A. Robb, Esq., *City Register:*

Dear Sir.—The following are the estimated amounts required for expenditure by the School Board in 1896:

For all schools in the first twenty wards	$1,104,655 00
" the schools in the twenty-first and twenty-second wards	147,275 00
" balance of appropriation for flags	999 37
	$1,252,929 37

Itemized as follows:

For salaries, first twenty wards	$ 890,175 00
" rents, " " "	13,535 00
" books and stationery, " " "	57,680 00
" heating apparatus, " " "	12,600 00
" furniture in old buildings, " " "	5,775 00
" " for Western Female High School, first twenty wards	5,250 00
For furniture for Primary No. 34, first twenty wards, twelve rooms	2,362 00
For furniture for Primary No. 37, first twenty wards, twelve rooms	2,362 00
For furniture for Colored No. 9, first twenty wards, twenty-one rooms	4,200 00
For furniture for Baltimore City College, first twenty wards	15,700 00
" fuel, first twenty wards	36,050 00
" repairs and cleaning, " " "	12,600 00
" incidentals, printing, etc,, " " "	11,500 00
" night schools, " " "	12,000 00
" Polytechnic Institute, " " "	35,116 00
" Colored Manual Training School, " " "	7,750 00
	$1,104,655 00
For salaries in annex	$115,775 00
" sundries "	31,500 00
	147,275 00
	$1,251,930 00

H. M. COWLES, *Secretary.*

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1896—CITY PROPER.

Gas Account.

5,027 gas lamps burning 4,000 hours each, at 5 feet per hour, 100,540,000 cubic feet, at $1.25 per 1,000	$125,675 00
Gas for markets, 150,000 cubic feet, at $1.25 per 1,000	187 50
Gas for squares, 1,435,000 cubic feet, at $1.25 per 1,000	1,793 75
Gas for Washington Monument, 85,000 cubic feet, at $1.25 per 1,000	106 25
200 new gas lamps (say 2,000 hours each), 2,000,000 cubic feet, at $1.25 per 1,000	2,500 00
Erecting 200 new gas lamps, at $7.50 each	1,500 00
50 dozen miner globes for replacing broken ones	600 00
Repairs of services, straightening posts	1,000 00
Replacing broken globes and repairs to burner stops	1,000 00
Tin, solder, acid and necessary material for repairing the old lamps, and keeping them in repair	300 00
Livery	300 00
20 dozen new miner lamps, at $3.75 each	900 00
150 new iron posts, at $6.00	900 00
Repairing gas lamps	1,500 00
Street signs and frames, and putting same in position	1,000 00
Repairs to gas-pipe in markets and city buildings, and repair to wagon and harness	150 00
Meter-seals, advertising and incidentals	150 00
Extra help in office	50 00
	$139,612 50

Electric Light Account.

1,257 electric arc-lights, at 35 cents each per night	$161,021 70
23 electric arc-lights ordered to be erected and in course of erection, at 35 cents each	3,946 30
50 additional, at 35 cents each per night, 6 months	3,202 50
Incandescent lamps (16), at No. 6 Engine House clock	192 00
2 Inspectors, at $15.00 per week	1,560 00
Repairs to instruments and calibrating the same	100 00
	$170,022 50

Gasoline Account.

333 gasoline lamps (necessary gasoline and filling), at $13.00 each	$4,329 00
50 additional gasoline lamps (necessary gasoline filling), 6 months	325 00
Glass for reglazing, also repairs to burners	600 00
Tin, solder, acid and necessary materials for repairing and keeping in repair the old lanterns	400 00
Erecting and straightening posts, and also advertising, etc	150 00
	$5,804 00

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1896—ANNEX.

Electric Light Account.

21 electric arc-lamps, at 35 cents each per night	$2,690 10

Gasoline Account.

564 gasoline lamps (necessary gasoline and filling), at $14.00 each	$7,896 00
Painting and repairing old lanterns	500 00
Glass for lanterns (replacing that broken)	100 00
Erecting and straightening posts, etc	100 00
Repairs to gasoline burners and valves	50 00
New gasoline burners, valves, wicks, etc	150 00
	$8,796 00

Gas Account.

704 gas lamps, burning 4,000 hours each, at 5 feet per hour, 14,080,000 cubic feet, at $1.25 per 1,000	$17,600 00
150 new gas lamps, average 6 months, burning say 1,500,000 cubic feet, at $1.25 per 1,000	1,875 00
Erecting 150 new lamp-posts, at $7.50 each	1,125 00
Repairs to services, straightening posts, etc	225 00
Repairing and painting lanterns	150 00
6 dozen new miner lamps, at $3.75 each	270 00
150 new iron posts, at $6.00 each	900 00
Glass for lanterns (replacing that broken)	90 00
Repairs to burners and stops	50 00
Signs, frames and putting in position, etc	100 00
New burners, tips, etc	50 00
Livery	300 00
	$22,735 00

APPROXIMATE ESTIMATE CITY'S PROPORTION FOR OPENING STREETS FOR 1896.

Forrest street, from south side of Douglas to Fayette	$ 18,485 74
Madison street, from Patterson Park avenue to Grove alley	8,462 21
Carroll street, from Bayard to Bush	1,448 31
Cleveland street, from Bayard to Bush	1,965 29
Nanticoke street, from Bayard to Bush	2,549 23
Lanvale street, from Patterson Park avenue to Cannon	11,170 53
Burrow street, from Fort avenue to Claggett	1,250 60
Ludlow street, from Fort avenue to Claggett	3,659 74
Dallas street, from Oliver to Lanvale	2,369 34
Patterson avenue, from Fulton avenue to Monroe street	3,543 76
Brunt street, from Laurens to Robert	606 53
Bouldin alley, from Laurens to Wilson	357 50
Ensor street, from Eager to Chase	19,548 10
Ten-foot alley, from McKim to Hillman	112 70
Hollins street, from old city limits to Catherine street	38,894 85
Amount carried forward	$114,424 43

Amount brought forward	$114,424 43
Hollins street, from Calverton road to west line of old city limits	554 35
Seventh street, from Northwest street to Morris avenue	5,021 71
Eighth street, from Northwest street to Eighth avenue	3,790 74
Northwest street, from Seventh street to Ninth street	158 64
Elgin avenue, from Ninth street to Seventh street	2,966 05
Myrtle avenue, from Slingluff avenue to Ninth street	7,436 96
Clifton avenue, from Ninth street to Fourth street	9,605 29
Ninth or Barnum street, from Charles street avenue to Maryland avenue	136 33
Holmes or Tenth street, from Charles street avenue to Maryland avenue	5,190 51
Windsor avenue, from Fourth street to Ninth street	5,518 97
	$154,803 98

Respectfully submitted,

C. L. GOODWIN.

REAPPROPRIATIONS FOR 1896 FOR THE FOLLOWING STREETS.

Patapsco alley, from Fort avenue to Ostend	$ 715 14
Race street, from Cross to Fort avenue	946 60
Burke street, from Baltimore to Monument	231 00
Cooksie street, from Clement to Cuba	75 00
Etting street, from Baker to North avenue	171 34
Bouldin alley, from Bloom to Baker	112 33
	$2,251 41

Respectfully,

C. L. GOODWIN.

OFFICE OF THE BOARD OF SUPERVISORS OF ELECTIONS IN THE CITY OF BALTIMORE—CITY HALL.

BALTIMORE, January 10, 1896.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR.—I am instructed by the Board of Supervisors of Elections to submit the following as their estimate of the expenses for this department for the year 1896:

For registration account	$40,000 00
" elections "	18,000 00
" office "	14,000 00
Total amount needed	$72,000 00

Very respectfully,

J. N. FOSTER, *Secretary to Board.*

OFFICE OF THE COMMISSIONER OF STREET CLEANING—CITY HALL.

BALTIMORE, January 6, 1896.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR.—The following is the estimate of expenses for the Department of Street Cleaning for the year 1896:

148 garbage carts and men at $18 per week	$138,528 00
72 street " " " " $18 "	67,392 00
166 sweepers, scrapers and sewer men at $10 per week	86,320 00
Salaries	9,000 00
Tools, sweeping machines, sprinklers, hire of horses, stable rent, repairs to machines, etc	13,000 00
Dumps	3,964 00
Contract for the removal of garbage from the city	9,400 00
	$327,604 00

City Annex.

16 garbage carts and drivers at $18 per week	$14,976 00
6 street " " " " $18 "	5,616 00
13 sweepers, scrapers and sewer men at $10 per week	6,760 00
Salary of Superintendent	1,000 00
Tools	125 00
	$28,477 00

Respectfully submitted,

B. E. SMITH,

Commissioner of Street Cleaning.

ESTIMATED REQUIREMENTS FOR THE CITY COMMISSIONER'S DEPARTMENT FOR THE YEAR 1896.

CITY COMMISSIONER'S OFFICE.

BALTIMORE, January 13, 1896.

Repairs, sewers and inlets	$15,000 00
" bridges	15,000 00
" paved streets	100,000 00
" unpaved streets	5,000 00
Paving front of city property	1,000 00
Paving and repairing Cross street	60,000 00
Livery	2,500 00
Light-street bridge	8,000 00
Rental, storage lots	800 00
Flags and stepping-stones	5,000 00
Gutter-plates	2,000 00
Incidentals	200 00
Public printing	200 00
Salaries	32,950 00
Repairs—roads, streets and bridges	30,000 00
Salaries	2,000 00
Amount carried forward	$279,650 00

Amount brought forward	$279,650 00

For Annex.

Paving Bush and Herkimer streets	$20,000 00
" Patapsco street, from Baltimore to Monument street.	12,000 00
" Luzerne street, from Fayette to McElderry street	8,000 00
Total	$319,650 00

Respectfully submitted,

JANON FISHER, *City Commissioner.*

To JOHN A. ROBB, ESQ., *City Register.*

TAX DEPARTMENT,

CITY COLLECTOR'S OIFFCE—CITY HALL.

BALTIMORE, December 30, 1895.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR.—Herewith I respectfully submit estimates for salaries of the City Collector and employees in his department, incidental expenses of the Tax Department, and salaries of the Judges and employees of the Appeal Tax Court, for the fiscal year ending December 31, 1896, aggregating $63,400:

Tax Department.

1 City Collector	$ 2,000 00
1 Deputy City Collector	2,500 00
1 Cashier	1,600 00
1 Assistant Cashier	1,400 00
1 Bookkeeper	1,600 00
1 General Cash Bookkeeper	1,600 00
1 Transfer Clerk	1,300 00
1 Annex Clerk	1,300 00
13 Ledger Clerks at $1,300 each	16,900 00
Incidental expenses of Tax Department	3,000 00
Total	$33,200 00

Appeal Tax Court.

3 Judges at $1,800 each	$ 5,400 00
1 Chief Clerk	1,600 00
1 Assistant Clerk	1,600 00
1 Assessor of new improvements	1,400 00
1 Assessor of new improvements for Annex	1,200 00
1 Chief Assessor of old real estate	1,800 00
4 Assistant Assessors of old real estate at $1,200 each	4,800 00
2 Clerks to Assessors at $1,200 each	2,400 00
28 Assessors of personal property	10,000 00
Total	$30,200 00
Grand total	$63,400 00

I am respectfully

Your obedient servant,

J. T. M. BARNES, *Deputy City Collector.*

HARBOR BOARD OF BALTIMORE—ENGINEER'S OFFICE.

BALTIMORE, January 9, 1896.

MR. JOHN A. ROBB, *City Register:*

DEAR SIR.—In advance of meeting of Harbor Board, I can only say that the Executive Committee has approved the following estimates for 1896:

Harbor, docks, etc	$35,000 00
Jones' Falls	15,000 00
Ice-boats	25,000 00
Repairs to wharves	2,000 00
New bulkhead in City Dock	6,000 00
Removal of ashes from tow-boats	4,200 00
	$84,200 00

Respectfully, etc.,

N. H. HUTTON, *Engineer Harbor Board.*

MAYOR'S OFFICE,

BALTIMORE, January 7, 1896.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR.—The following is the estimate for the expenses of the Department of the City Hall for the current year:

Care of Building.		
5 watchmen at $1,000	$5,000 00	
1 elevator conductor	900 00	
1 general workman	720 00	
		$6,600 00
Heating of Building.		
4 firemen at $900	$3,600 00	
Coal and wood	1,800 00	
		5,400 00
Cleaning of Building.		
1 superintendent of scrub-women	$ 420 00	
1 window-washer	360 00	
22 scrub-women at $300	6,600 00	
Scrubbing-brushes, mops, buckets, etc	300 00	
		7,680 00
Supplies.		
Gas	$3,500 00	
Ice	350 00	
General supplies and repairs in building	500 00	
		4,350 00
Furniture and Carpets.		
Taking up, cleaning and relaying carpets	$325 00	
New carpets	350 00	
Repairs to furniture	700 00	
New furniture	200 00	
Window shades and repairs	75 00	
		1,650 00
Amount carried forward		$25,680 00

Amount brought forward		$25,680 00
Toilet Service.		
Washing towels for all departments	$180 00	
Towels, soap, brushes, etc	100 00	
		280 00
Care of tower clock		250 00
		$26,210 00

The item of "Toilet Service" has heretofore been supplied by the departments separately at a cost of almost $1,000 per year to the city.

Yours very truly,

A. N. PALMER, *Mayoralty Clerk.*

CITY AND CIRCUIT COURTS.

BALTIMORE, January 1, 1896.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR.—The following is the estimate of the expenses of this department for the year ending December 31, 1896:

Superintendent's salary	$1,000 00
Watchman and fireman, temporary court house	900 00
Day fireman, temporary court house	350 00
Laborer, temporary court house	350 00
" " " "	350 00
Janitress for ladies' room, temporary court house	300 00
Night fireman, Old United States Court House	350 00
Laborer, Old United States Court House	350 00
" " " " "	350 00
175 tons coal at $5.50 per ton	962 50
8 cords sawed and split wood at $7.50	60 00
Ice for both court houses	200 00
Brooms, brushes, feather dusters, mops, soap, buckets, soda and towels	125 00
Repairs to furniture, locks, keys, desks, etc	125 00
Window shades and cuspidors	43 00
Water-coolers, wheelbarrows, slice-bars, shovels, new furniture, rakes, etc	100 00
Carpets, oil-cloths and linoleum	150 00
Cleaning carpets and relaying same	50 00
Removing ashes and other refuse	100 00
Washing towels	48 00
200 feet water hose	50 00
Incidentals	100 00
Electric lighting, Old United States Court House (Record Office excepted)	1,755 14
Electric lighting, temporary court house	443 88
Electric lamps, shades, etc	250 00
	$8,862 52

Respectfully submitted,

JAMES DONNELLY,

Superintendent City and Circuit Courts.

TABLE C.—SHOWING THE AMOUNT REQUIRED FOR THIS DEPARTMENT FOR THE YEAR 1896.

OFFICE INSPECTOR OF BUILDINGS—CITY HALL.

For repairs of city property:		
For Engine houses	$7,000 00	
" City Jail	1,500 00	
" " Hall	3,500 00	
" Market houses	5,000 00	
" Court houses	1,000 00	
" Dog pound and other property	1,000 00	
		$10,000 00
For repairs of public schools:		
For general repairs	$13,000 00	
" painting school houses	5,000 00	
" partitions and storm doors	1,000 00	
" substituting wood and iron for plastered ceilings,	2,000 00	
		21,000 00
For sanitary and other improvements		3,000 00
" emptying cess pools		300 00
" incidentals		200 00
" livery for two horses and repair to wagons		600 00
" salaries		5,500 00
" extra out-door help		6,200 00
" rental of auxiliary fire-alarm boxes		4,300 00
" winding clocks at Engine houses		200 00
" extra help, Annex		1,240 00
" livery and repair to wagon, Annex		300 00
" repair to city property, Annex		5,000 00
" building Western Female High School		18,125 90
" " Colored Primary School No. 10		3,323 42
" " City College		99,571 19
" " Male and Female Primary School No. 4		34,695 74
" " No. 9 Colored School		34,985 00
" " No. 34 Primary School		17,140 25
" " temporary Court house		1,593 82
" " grammar and primary school in North Baltimore		35,000 00
" " Male and Female Primary School No. 37		23,946 82
		$335,722 04

Report of the Department of Finance For the Year 1895.

REPORT.

DEPARTMENT OF FINANCE,

BALTIMORE, December 31, 1895.

To the Honorable the Members of the First and Second Branches of the City Council:

GENTLEMEN.—The Commissioners of Finance have the honor to submit herewith for your consideration statements in detail, exhibiting their transactions during the current year as follows:

1. A summary of receipts and payments on account of the various sinking funds.
2. A statement of the purchases of stock.
3. A statement showing the condition of the various sinking funds for the redemption of the public debt.
4. A statement of the Enoch Pratt Free Library Sinking Fund's condition.
5. A statement of the condition of the Horwitz Benevolent Fund.
6. A schedule of real estate and ground rents upon the books of the Commissioners of Finance from which income is derived.
7. A statement of the funded and guaranteed debt.
8. A balance sheet of the sinking funds' ledger.
9. A statement showing the indebtedness of the Western Maryland R. R. Co. to the Mayor and City Council of Baltimore.

The matters embraced in the foregoing are exhibited under their respective heads in a detailed form in the appendix to this report.

1—*Receipts and Payments.*

The receipts have been derived as follows:		
From cash to credit of sinking funds December 31, 1894	$199,910	16
From Baltimore and Ohio Railroad Company on account of purchase of Pittsburg and Connellsville Railroad Bonds	40,000	00
From interest on stocks and investments	138,397	53
" rental of real estate	26,736	02
Amount carried forward	$405,043	71

Amount carried foward	$405,043 71	
From rental of Hillen Station, Ordinance 97, 1875	16,000 00	
From rental of Western Maryland Railroad Terminal Company Depot, Ordinance 92, 1882	9,181 47	
From sales of fractions of stocks	24 03	
From premium on sale of $500,000 Public Improvement 1940 Loan	17,850 00	
From premium on sale of $720,000 Four Million 1945 Loan	48,096 00	
From redemption of Park Improvement Six Per Cent. 1895 Loan	97,423 80	
From redemption of Paving Certificates	12,255 93	
From redemption of Union Railroad First Mortgage Bonds	87,500 00	
From City Collector, for General Sinking Fund.	140,758 46	
From City Collector, for Internal Improvement Loan Sinking Fund	84,457 19	
From City Collector, for Water 1926 Loan Sinking Fund	28,153 84	
From City Collector, Public Improvement Loan Sinking Fund	53,605 50	
From City Collector, for Four Million Loan Sinking Fund	10,276 49	
From Park Board, being 5 per cent on receipts of park tax for quarter ending September 30, 1895, as per Ordinance 137, 1894	3,222 33	
		$1,013,848 75
The payments have been as follows:		
For investment purchases	$452,500 00	
For interest on Western Maryland Railroad Six Per Cent. 1902 Loan	60,000 00	
For interest on Western Maryland Railroad Six Per Cent. Third Mortgage Bonds	52,275 00	
For redemption of Park Improvement Six Per Cent. 1895 Loan	182,723 80	
For redemption of Water Five Per Cent. 1894 Loan	57,700 00	
For redemption of Exempt Six Per Cent. 1893 Loan	2,500 00	
For redemption of Consolidated Six Per Cent. 1890 Loan	1,300 00	
For redemption of Five Million Six Per Cent. 1890 Loan	83 34	
For purchase of ground rents, under Ordinance 81, 1881	33,150 00	
For accrued rent on ground rents purchased	591 05	
For payment to Enoch Pratt Free Library	50,000 00	
For sundry expenses as detailed in Statement No. 1	2,125 83	
		894,949 02
Balance to credit of sinking funds, December 31, 1895		$118,899 73

2—Investment Purchases of Stock.

This statement is submitted in obedience to Article 47, Section 13, Baltimore City Code, and exhibits in detail the purchases of stock during the current year, amounting to $452,500, the total cost of purchases being		$452,500 00

3—The Redemption and Sinking Funds.

General Sinking Fund	$1,542,710 96
Public Park Sinking Fund	24,499 48
Western Maryland Railroad 1925 Loan Sinking Fund	63,177 12
Western Maryland Railroad 1927 Loan Sinking Fund	130,131 76
Hillen Station Sinking Fund	56,975 81
Western Maryland Railroad Terminal Company Sinking Fund	20,074 63
Water 1926 Loan Sinking Fund	220,579 57
Internal Improvement 1928 Loan Sinking Fund	494,094 62
Public Improvement 1940 Loan Sinking Fund.	131,333 60
Four Million 1945 Loan Sinking Fund	57,251 35
Public Park Sinking Fund No. 2	3,222 33
	$2,744,051 23

Increment of Sinking Funds.

The increment of the Sinking Funds from December 31, 1894, to December 31, 1895, amounting to			$404,633 70
was derived thus:			
From interest upon investments		$85,086 00	
From rental of Hillen Station	$16,000 00		
Less amount set apart in sinking fund	2,000 00		
		14,000 00	
From rental of Western Maryland Terminal Company Depot	$9,181 47		
Less amount set apart in sinking fund	1,311 60		
		7,869 87	
From rental of real estate		26,736 02	
From premium on sale of $500,000 Public Improvement 1940 Loan		17,850 00	
From premium on sale of $720,000 Four Million 1945 Loan		48,096 00	
From City Collector for General Sinking Fund.		140,758 46	
From City Collector for Internal Improvement Loan Sinking Fund		84,457 19	
From City Collector for Water 1926 Loan Sinking Fund		28,153 84	
From City Collector for Public Improvement 1940 Loan Sinking Fund		53,605 50	
From City Collector for Four Million 1945 Loan Sinking Fund		10,276 49	
From Park Board, five per cent. on receipts of park tax, for quarter ending September 30, 1895		3,222 33	
			520,111 70
Amount carried forward			$520,111 70

Amount brought forward		$520,111 70
From which deduct:		
Interest paid on Western Maryland Railroad Six Per Cent. 1902 Loan	$60,000 00	
Interest paid on Western Maryland Railroad Six Per Cent. Third Mortgage Bonds	52,275 00	
Amount paid for accrued rent on ground rents purchased	591 05	
Amount paid for Enoch Pratt Free Library Sinking Fund	261 11	
Amount paid for expenses of Four-Million 1945 Loan during 1894 and repaid during present year	486 12	
Amount paid for sundry expenses.. $2,125 83		
Less amount of deficiency in Enoch Pratt Free Library Sinking Fund. 261 11		
	1,864 72	
		115,478 00
		$404,633 70

And disbursed as shown by Statement No. 1 of Appendix.

4—*Enoch Pratt Free Library Sinking Fund.*

This statement shows the condition of the Enoch Pratt Free Library Sinking fund on December 31, 1895, under the control of the Commissioners of Finance, who are required "to invest the interest upon the investments in the sinking fund, and the interest upon the interest, as the same shall be received, in the public debt of the City of Baltimore, until the annual income from said investments shall reach the sum of fifty thousand dollars." In the meantime the Mayor and City Council are required to pay the annuity by tax levy. "When the said annual income upon the investments in the sinking fund shall reach the sum of fifty thousand dollars, the making of said investments for said purpose shall cease, and the said annual income of fifty thousand dollars arising therefrom shall be thereafter appropriated and applied to the payment of the annuity of fifty thousand dollars to the Trustees of the Enoch Pratt Free Library of Baltimore City, and all taxation for the purpose of raising said annuity of fifty thousand dollars for such purpose shall cease and be discontinued."

The above-named law was complied with, and in 1892 taxation for this purpose ceased, and in 1893 the income from investments amounted to $50,341. But by the redemption of maturing loans in the fund, bearing 5 and 6 per cent. interest in 1893, 1894 and the present year, amounting to $42,700, and the reinvestment of the amount in stock bearing 3½ per cent. interest, the income was reduced this year to $49,500.75, which, with the amount of cash in the fund of $238.14, leaves a deficiency in the income of $261.11. In 1896 the income will amount to $49,502.50, which will be $497.50 short of the amount required.

It will therefore be necessary for the Mayor and City Council to appropriate in 1896 the sum of $758.61 to supply the existing deficiency, and annually thereafter until the year 1900 the sum of $497.50 for the deficiency that will exist each year.

In the year 1900 there will fall due $81,200 five per cent. stock and $73,900 six per cent. stock, and in 1902, $27,800 six per cent. stock will mature, all contained in this fund.

5—The Horwitz Benevolent Fund.

This statement shows the condition of the Horwitz Benevolent Fund under the management of the Commissioners of Finance, who on December 28, 1888, under authority of Resolution No. 7 of 1888, accepted from the executors of Orville Horwitz, deceased, the sum of ten thousand dollars, which with its increments is in the said last will and testament directed to be known as the "Horwitz Benevolent Fund."

6—Real Estate and Ground Rents.

The schedule of real estate and ground rents presented in this form for convenience of reference embraces only so much of the city property as is in control and shown upon the books of this Board, and from which income is derived from rentals.

The income derived from public wharves and other valuable property, being applied to current expenses, does not appear in these accounts (Article 47, Section 14, Baltimore City Code).

7—Funded and Guaranteed Debt.

These issues on December 31, 1895, amount to.			$32,437,818 43
On December 31, 1894, they amounted to.....			31,126,625 57
Showing an increase during the year of.....			$1,311,192 86
Thus:			
Amount of Public Improvement 1940 Loan issued.....	$950,000 00		
Amount of Four Million 1945 Loan issued.....	722,500 00		
		1,672,500 00	
Less:			
Amount of Consolidated 1890 Loan redeemed.....	$1,300 00		
Amount of Exempt 1893 Loan redeemed.....	2,500 00		
Amount of Water 1894 Loan redeemed.....	57,700 00		
Amount of Park Improvement 1895 Loan redeemed.....	182,723 80		
Amount of Five Million 1890 Loan redeemed.....	83 34		
Amount of Union Railroad First Mortgage Bonds redeemed.....	117,000 00		
		361,307 14	
			$1,311,192 86

Increase of Funded Debt Authorized.

Public Improvement 3½ per cent. 1940 Loan, Ordinance 100, 1892.....	$2,317,600 00	
Four Million 3½ per cent. 1945 Loan, Ordinance 137, 1894.....	3,277,500 00	
		$5,595,100 00

The Financial Condition of the Corporation.

Amount of funded debt, December 31, 1895.	$31,562,818 43	
Amount of guaranteed debt, December 31, 1895	875,000 00	
		$32,437,818 43
Of this amount interest is provided or paid as follows:		
Water Board upon	$6,500,000 00	
Park Board upon	922,500 00	
Western Maryland Railroad Company upon.	2,388,000 00	
Commissioners of Finance upon	1,875,000 00	
Overdue stock, no interest allowed	39,918 43	
		11,725,418 43
Leaving the amount on which interest is paid by taxation at		$20,712,400 00

Productive Investments.

Mortgages on Western Maryland Railroad Company		$2,388,000 00	
Value of sinking funds		2,744,051 23	
Value of water-works		10,500,000 00	
550 shares of Baltimore and Reisterstown Turnpike Stock		2,062 50	
137 shares of Baltimore and Frederick Turnpike Stock		456 66	
Real estate, annual rental	$10,225 11		
Market property, annual rental.	45,000 00		
Wharf property, annual rental..	20,000 00		
	$75,225 11		
Capitalized at 4 per cent		1,880,627 75	
			17,515,198 14

Unproductive Investments.

Mortgages on Western Maryland Railroad Company	$1,875,000 00	
Accrued interest paid for Western Maryland Railroad Company	3,405,937 09	
83,000 Philadelphia and Reading Third Preferred Income Bonds	83,000 00	
4,000 shares Western Maryland Railroad Stock	200,000 00	
10,000 shares Valley Railroad Company of Virginia Stock	1,000,000 00	
130 shares Baltimore and Havre de Grace Turnpike Stock	.....	
625 shares Baltimore and York Turnpike Stock	.....	
		$6,563,937 09

The foregoing statement does not embrace any items connected with current receipts and expenditures, but refers only to the stock and bond

liabilities of the corporation, and to investments specially set apart for the redemption of the same. The accounts now submitted for your consideration exhibit in detail all the transactions of the current fiscal year.

They show the receipts to have been		$1,013,848 75
and the payments to have been as follows:		
For interest paid for Western Maryland Railroad Company	$112,275 00	
For redemption of matured loans	244,307 14	
For purchase of ground rents, with accrued rent	33,741 05	
For amount paid to Enoch Pratt Free Library	50,000 00	
For investment purchases	452,500 00	
For sundry expenses	2,125 83	
		894,949 02
Balance in banks to credit of sinking funds		$118,899 73
The value of the sinking funds December 31, 1895, is		$2,744,051 23
The value of the sinking funds December 31, 1894, was		2,583,641 33
Showing an increase during the year of		$160,409 90
Derived thus:		
Increment of the funds during the year	$404,633 70	
Less:		
Redemption of loans	244,223 80	
		$160,409 90

A sale of $500,000 Public Improvement Three-and-one-half Per Cent. 1940 Loan was made by public advertisement, inviting competitive bids on January 16, 1895 at $103.57, and in the same manner $720,000 Four Million Three-and-one-half Per Cent. 1945 Loan was sold on July 30, 1895, at $106.68.

The Commissioners of Finance took for the sinking funds during the year $450,000 of Public Improvement Three-and-one-half Per Cent. 1940 Loan and $2,500 Four Million Three-and-one-half Per Cent. Loan at par.

Respectfully submitted,

ALCAEUS HOOPER, *Chairman,*
J. SLOAN, JR.,
JOHN B. RAMSAY, } *Commissioners of Finance.*

JOHN A. ROBB, *Clerk to Commissioners of Finance.*

APPENDIX.

STATEMENT

DR. THE COMMISSIONERS OF FINANCE IN ACCOUNT WITH

To balance December 31, 1894		$199,810 16
To General Sinking Fund.		
From sales of fractions of stock	$ 24 03	
From interest on stocks and investments	52,203 61	
From rental of real estate	26,736 02	
From City Collector by tax levy	140,758 46	
From seven-eighths rental of Hillen Station	14,000 00	
From six-sevenths rental of Western Maryland Railroad Terminal Company's Depot	7,869 87	
From redemption of Park Improvement Six Per Cent. 1895 Loan	92,158 80	
From redemption of Paving Certificates	12,255 93	
From redemption of Union Railroad First Mortgage Bonds	87,500 00	
From Baltimore and Ohio Railroad Company, on account of purchase of Pittsburg and Connellsville Railroad Bonds	40,000 00	
		473,506 72
To Western Maryland Railroad Terminal Company's Sinking Fund.		
From interest on stocks	$ 803 59	
From one-seventh rental of Western Maryland Railroad Terminal Company Depot	1,311 60	
		2,115 19
To Hillen Station Sinking Fund.		
From interest on stocks	$2,398 30	
From one-eighth rental of Hillen Station	2,000 00	
From redemption of Park Improvement Six Per Cent. 1895 Loan	1,000 00	
		5,398 30
To Western Maryland Railroad 1925 *Loan Sinking Fund.*		
From interest on stocks		2,633 20
To Western Maryland Railroad 1927 *Loan Sinking Fund.*		
From interest on stocks		4,501 24
To Internal Improvement 1928 *Loan Sinking Fund.*		
From interest on stocks	$16,040 95	
From City Collector by tax levy	84,457 19	
From redemption of Park Improvement Six Per Cent. 1895 Loan	865 00	
		$101,363 14
Amount carried forward		$789,427 95

No. 1.

THE MAYOR AND CITY COUNCIL OF BALTIMORE. CR.

By General Sinking Fund.		
For redemption of Consolidated Six Per Cent. 1890 Loan	$ 1,300 00	
For redemption of Exempt Six Per Cent. 1893 Loan	2,500 00	
For redemption of Water Five Per Cent. 1894 Loan	57,700 00	
For redemption of Park Improvement Six Per Cent. 1895 Loan	182,723 80	
For $123,400 Public Improvement Three-and-one-half Per Cent. 1940 Loan	123,400 00	
For purchase of ground rents under Ordinance 81, 1881	33,150 00	
For accrued rent on ground rents purchased	591 05	
For interest on Western Maryland Railroad Six Per Cent. 1902 Loan	60,000 00	
For interest on Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds	52,275 00	
For examination of accounts and making plats of property	535 00	
For books and making new indexes to stock accounts	300 00	
For rent of safe	60 00	
For salary	458 33	
		514,993 18
By Western Maryland Railroad Terminal Company Sinking Fund.		
For $2,600 Public Improvement Three-and-one-half Per Cent. 1940 Loan		2,600 00
By Hillen Station Sinking Fund.		
For $6,500 Public Improvement Three-and-one-half Per Cent. 1940 Loan		6,500 00
By Western Maryland Railroad 1925 Loan Sinking Fund.		
For $3,000 Public Improvement Three-and-one-half Per Cent. 1940 Loan		3,000 00
By Western Maryland Railroad 1927 Loan Sinking Fund.		
For $4,600 Public Improvement Three-and-one-half Per Cent. 1940 Loan		4,600 00
By Internal Improvement 1928 Loan Sinking Fund.		
For $117,200 Public Improvement Three-and-one-half Per Cent. 1940 Loan	$117,200 00	
For $2,500 Four Million Three-and-one-half Per Cent. 1945 Loan	2,500 00	
		119,700 00
Amount carried forward		$651,393 18

STATEMENT

DR. THE COMMISSIONERS OF FINANCE IN ACCOUNT WITH

Amoant brought forward		$789,427 95
To Water 1926 *Loan Sinking Fund.*		
From interest on stocks	$ 7,612 00	
From City Collector by tax levy	28,153 84	
From redemption of Park Improvement Six Per Cent. 1895 Loan	2,700 00	
		$38,465 84
To Public Improvement 1940 *Loan Sinking Fund.*		
From interest on stocks	$ 2,095 00	
From City Collector by tax levy	53,605 50	
From premium on sale of $500,000 of stock at $103.57	17,850 00	
		73,550 50
To Four Million 1945 *Loan Sinking Fund.*		
From City Collector by tax levy	$10,276 49	
From premium on sale of $720,000 of stock at $106.68	48,096 00	
		58,372 49
To Public Park Sinking Fund No. 2.		
From Park Board, being 5 per cent. on receipts of park tax for quarter ending September 30, 1895		3,222 33
To Enoch Pratt Free Library Sinking Fund.		
From interest on stocks	$49,500 75	
From redemption of Park Improvement Six Per Cent. 1895 Loan	700 00	
		$50,200 75
To Horwitz Benevolent Fund.		
From interest on stocks		608 89
		$1,013,848 75

No. 1—Continued.

THE MAYOR AND CITY COUNCIL OF BALTIMORE.		CR.
Amount brought forward		$651,393 18
By Water 1926 *Loan Sinking Fund.*		
For $44,000 Public Improvement Three-and-one-half Per Cent. 1940 Loan		44,000 00
By Public Improvement 1940 *Loan Sinking Fund.*		
For $88,600 Public Improvement Three-and-one-half Per Cent. 1940 Loan	$88,600 00	
For amount paid for advertising	137 48	
		88,737 48
By Four Million 1945 *Loan Sinking Fund.*		
For $55,600 Public Improvement Three and-one-half Per Cent. 1940 Loan	$55,600 00	
For amount paid for certificates of stock	450 00	
For amount paid for books and advertising	185 02	
		56,235 02
By Public Park Sinking Fund No. 2.		
For $3,200 Public Improvement Three-and-one-half Per Cent. 1940 Loan		3,200 00
By Redemption of Five Million 1890 *Loan.*		
For redemption of stock		83 34
By Enoch Pratt Free Library Sinking Fund.		
For $700 Public Improvement Three-and-one-half Six Per Cent. 1940 Loan	$ 700 00	
For amount paid to Enoch Pratt Free Library,	50,000 00	
		50,700 00
By Horwitz Benevolent Fund.		
For $600 Public Improvement Three-and-one-half Per Cent. 1940 Loan		600 00
By balance, cash in banks to credit of sinking funds on December 31, 1895		118,899 73
		$1,013,848 75

STATEMENT No. 2.

"The Commissioners of Finance shall invest in city stock all moneys in their hands received from the sale or rent of city property, pledged for the redemption of the public debt; and shall invest all moneys that may hereafter be received from the above-mentioned sources, as well as all interest accruing thereon, from time to time, and report to the City Council the amounts purchased, and the dates and prices at which they were purchased." (Article 47, Section 13, Baltimore City Code.)

Date. 1895	Sinking Fund.	Amount Purchased.	Description of Stock.	Amount Paid.
May 16.	Water 1926 Loan..	$21,000.	Public Imp't 3½ pr. ct. 1940 Loan.	$21,000
"	General.....	17,400	" " " " " "	17,400
"	W. Md. 1925 Loan.	1,600	" " " " " "	1,600
"	" 1927 Loan.	2,200	" " " " " "	2,200
"	" Term. Co.	1,500	" " " " " "	1,500
"	Pratt Library.....	700	" " " " " "	700
"	Pub. Imp't Loan .	50,000	" " " " " "	50,000
"	Horwitz Benevl't.	300	" " " " " "	300
"	Hillen Station....	4,000	" " " " " "	4,000
"	Int. Imp't Loan ..	51,300	" " " " " "	51,300
Aug. 1.	Water 1926 " ..	18,000	" " " " " "	18,000
"	Pub. Imp't " ..	30,000	" " " " " "	30,000
"	W. Md. 1927 " ..	2,100	" " " " " "	2,100
"	" Term. Co.	500	" " " " " "	500
"	Hillen Station....	1,200	" " " " " "	1,200
"	Int. Imp't Loan ..	51,000	" " " " " "	51,000
"	Four Million Loan.	46,200	" " " " " "	46,200
"	W. Md. 1925 " ..	1,000	" " " " " "	1,000
Nov. 15.	" 1925 " ..	400	" " " " " "	400
"	" 1927 " ..	300	" " " " " "	300
"	Pub. Imp't " ..	8,600	" " " " " "	8,600
"	Horwitz Benevl't.	300	" " " " " "	300
"	Hillen Station....	400	" " " " " "	400
"	" "	900	" " " " " "	900
"	Int. Imp't Loan..	14,900	" " " " " "	14,900
"	Pub. Park No. 2 ..	3,200	" " " " " "	3,200
"	General.....	56,000	" " " " " "	56,000
"	W. Md. Term. Co.	600	" " " " " "	600
"	Water 1926 Loan .	5,000	" " " " " "	5,000
"	Four Million Loan.	9,400	" " " " " "	9,400
Nov. 20.	General.....	50,000	" " " " " "	50,000
Dec. 31.	Int. Imp't Loan ..	2,500	Four Million " " 1945 "	2,500
		$452,500		$452,500

Recapitulation.

Sinking Fund.	Amount Purchased.	Description of Stock.	Amount Paid.
General.....	$123,400	Three-and-one-half Per Cent. 1940 Loan.	$123,400
Water 1926 Loan...	44,000	" " 1940 "	44,000
W. Md. 1925 Loan..	3,000	" " 1940 "	3,000
W. Md. 1927 Loan..	4,600	" " 1940 "	4,600
W. Md. Terminal Co.	2,600	" " 1940 "	2,600
Public Impt. Loan.	88,600	" " 1940 "	88,600
Inter. Impt. Loan...	117,200	" " 1940 "	117,200
Inter. Impt. Loan...	2,500	" " 1945 "	2,500
Pratt Library	700	" " 1940 "	700
Horwitz Benevolent.	600	" " 1940 "	600
Hillen Station.....	6,500	" " 1940 "	6,500
Four Million Loan..	55,600	" " 1940 "	55,600
Public Park No. 2..	3,200	" " 1940 "	3,200
	$452,500		$452,500

STATEMENT No. 3.

Condition of Sinking Funds December 31, 1895.

General Sinking Fund.

Patterson Park Four Per Cent. 1920 Loan	$5,000 00	
Harford Run Four Per Cent. 1904 Loan	1,700 00	
		$6,700 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$ 54 49	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	123,400 00	
		123,454 49
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		30,300 00
Paving Certificates due in 1895		10,794 44
Western Maryland Railroad Six Per Cent. First Mortgage Bonds, due January 1, 1890		43,500 00
Western Maryland Railroad Six Per Cent. Second Preferred Mortgage Bonds, due January 1, 1895		178,500 00
Western Maryland Railroad Six Per Cent. Third Mortgage Bonds (registered)		17,000 00
Western Maryland Railroad Funding Certificates		226,530 00
Western Maryland Railroad unendorsed coupons off First Mortgage Bonds		71,742 00
Hillen Station property	$200,000 00	
Less amount set apart in sinking fund for the repayment of the cost thereof	56,975 81	
		143,024 19
Western Maryland Railroad Terminal Company, depot property	$131,163 81	
Less amount set apart in sinking fund for the repayment of the cost thereof	20,074 63	
		111,089 18
Due by the Baltimore and Ohio Railroad Company on account of purchase of Pittsburg and Connellsville Railroad Bonds, under Ordinance No. 47 of 1875		200,000 00
Ground rents purchased under Ordinance No. 81 of 1881		310,635 27
Cash		69,441 39
		$1,542,710 96

Public Park Sinking Fund.

Cash		$24,499 48

Western Maryland Railroad 1925 *Sinking Fund.*

City Hall Six Per Cent. 1900 Loan	$3,300 00	
City Hall Six Per Cent. 1902 Loan	2,700 00	
Funding Six Per Cent. 1900 Loan	2,800 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	2,600 00	
Jones' Falls Six Per Cent. 1900 Loan	100 00	
		11,500 00
Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds		500 00
Water Five Per Cent. 1916 Loan		6,100 00
Western Maryland Railroad Four Per Cent. 1925 Loan		21,800 00
Jones' Falls Three-and-sixty-five-one-hundredths Per Cent. 1900 Loan		800 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$11,900 00	
Public Improvement Three-and-one-half Per Cent 1940 Loan	10,500 00	
		22,400 00
Cash		77 12
		$63,177 12

Western Maryland Railroad 1927 *Loan Sinking Fund.*

City Hall Six Per Cent. 1900 Loan	$ 700 00	
" " " " " 1902 "	400 00	
Funding " " " 1900 "	700 00	
Jones' Falls Six Per Cent. 1900 Loan	3,000 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	1,500 00	
		$ 6,300 00
Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds		4,500 00
Water Five Per Cent. 1916 Loan		3,700 00
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		100,700 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$ 1,700 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	13,100 00	
		14,800 00
Cash		131 76
		$130,131 76

Hillen Station Sinking Fund.

City Hall Six Per Cent. 1900 Loan	$2,900 00	
" " " " " 1902 "	300 00	
Funding " " " 1900 "	1,000 00	
Jones' Falls Six Per Cent. 1900 Loan	2,800 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	5,700 00	
		$12,700 00
Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds		500 00
Jones' Falls Five Per Cent. 1900 Loan	$8,000 00	
Funding " " " 1916 "	1,900 00	
Water " " " 1916 "	4,100 00	
		14,000 00
Paving Four Per Cent. 1920 Loan		3,000 00
Jones' Falls Three-and-sixty-five-one-hundredths Per Cent. 1900 Loan		3,200 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$ 4,700 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	18,500 00	
		23,200 00
Cash		375 81
		$56,975 81

Western Maryland Railroad Terminal Company Sinking Fund.

City Hall Six Per Cent. 1900 Loan	$1,000 00	
" " " " " 1902 "	100 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	1,100 00	
Funding Six Per Cent. 1900 Loan	1,000 00	
Jones' Falls Six Per Cent. 1900 Loan	1,200 00	
		$ 4,400 00
Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds		1,000 00
Water Five Per Cent. 1916 Loan		2,600 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$3,300 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	7,600 00	
		10,900 00
Jones' Falls Three-and-sixty-five-one-hundredths Per Cent. 1900 Loan		900 00
Cash		274 63
		$20,074 63

Water 1926 *Loan Sinking Fund.*

City Hall Six Per Cent. 1900 Loan	$11,800 00	
" " " " " 1902 "	3,400 00	
Funding " " " 1900 "	17,200 00	
Jones' Falls Six Per Cent. 1900 Loan	5,000 00	
Western Maryland Railroad Six Per Cent 1902 Loan	2,300 00	
		$ 39,700 00
Water Five Per Cent. 1916 Loan	$15,200 00	
Jones' Falls Five Per Cent. 1900 Loan	100 00	
		15,300 00
Consolidated Three-and-one-half Per Cent. 1930 Loan	$31,600 00	
Internal Improvement Three-and-one-half Per Cent. 1928 Loan	8,700 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	99,000 00	
		139,300 00
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		22,200 00
Cash		4,079 57
		$220,579 57

Internal Improvement 1928 *Loan Sinking Fund.*

Jones' Falls Six Per Cent. 1900 Loan	$20,700 00	
Funding " " " 1900 "	9,800 00	
City Hall " " " 1900 "	12,600 00	
" " " " " 1902 "	5,400 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	11,700 00	
		$ 60,200 00
Water Five Per Cent. 1916 Loan	$48,300 00	
Funding " " " 1916 "	8,900 00	
Jones' Falls Five Per Cent. 1900 Loan	1,200 00	
		58,400 00
Harford Run Four Per Cent. 1920 Loan	$ 7,700 00	
Western Maryland Railroad Four Per Cent. 1925 Loan	19,600 00	
Water Four Per Cent. 1926 Loan	1,100 00	
		28,400 00
Jones' Falls Three-and-sixty-five-one-hundredths Per Cent. 1900 Loan		7,500 00
Internal Improvement Three-and-one-half Per Cent. 1928 Loan	$ 43,300 00	
Consolidated Three-and-one-half Per Cent. 1930 Loan	8,000 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	203,500 00	
Four Million Three-and-one-half Per Cent. 1945 Loan	2,500 00	
		257,300 00
Amount carried forward		$411,800 00

Amount brought forward		$411,800 00
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		73,000 00
Cash		9,294 62
		$494,094 62

Public Improvement 1940 *Loan Sinking Fund.*

Public Improvement Three-and-one-half Per Cent. 1940 Loan	$115,100 00	
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan	9,000 00	
		$124,100 00
Cash		7,233 60
		$131,333 60

Four Million 1945 *Loan Sinking Fund.*

Public Improvement Three-and-one-half Per Cent. 1940 Loan	$55,600 00
Cash	1,651 35
	$57,251 35

Public Park Sinking Fund No. 2.

Public Improvement Three-and-one-half Per Cent. 1940 Loan	$3,200 00
Cash	22 33
	$3,222 33

RECAPITULATION.

General Sinking Fund	$1,542,710 96
Public Park Sinking Fund	24,499 48
Western Maryland 1925 Loan Sinking Fund	63,177 12
Western Maryland 1927 Loan Sinking Fund	130,131 76
Hillen Station Sinking Fund	56,975 81
Western Maryland Railroad Terminal Company Sinking Fund	20,074 63
Water 1926 Loan Sinking Fund	220,579 57
Internal Improvement 1928 Loan Sinking Fund	494,094 62
Public Improvement 1940 Loan Sinking Fund	131,333 60
Four Million 1945 Loan Sinking Fund	57,251 35
Public Park Sinking Fund No. 2	3,222 33
	$2,744,051 23

STATEMENT No. 4.

CONDITION OF THE ENOCH PRATT FREE LIBRARY SINKING FUND, HELD IN TRUST BY THE COMMISSIONERS OE FINANCE, AS PER ORDINANCE No. 64 OF 1883, ON DECEMBER 31, 1895.

Funding Six Per Cent. 1900 Loan	$16,900 00	
City Hall Six Per Cent. 1900 Loan	35,700 00	
City Hall Six Per Cent. 1902 Loan	6,500 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	21,300 00	
Jones' Falls Six Per Cent. 1900 Loan	11,300 00	
		$ 91,700 00
Western Maryland Railroad Six Per Cent. Third Mortgage Guaranteed Bonds (Registered)		10,000 00
Water Five Per Cent. 1916 Loan	$54,300 00	
Funding Five Per Cent. 1916 Loan	2,500 00	
Jones' Falls Five Per Cent. 1900 Loan	81,200 00	
		138,000 00
Paving Four Per Cent. 1920 Loan	$ 62,300 00	
Patterson Park Four Per Cent. 1920 Loan	195,000 00	
Water Four Per Cent. 1922 Loan	500,000 00	
Western Maryland Railroad Four Per Cent. 1925 Loan	2,100 00	
Harford Run Four Per Cent. 1920 Loan	900 00	
Water Four Per Cent. 1926 Loan	1,000 00	
		761,300 00
Consolidated Three and-one-half Per Cent 1930 Loan	$113,200 00	
Internal Improvement Three-and-one-half Per Cent. 1928 Loan	13,200 00	
Public Improvement Three-and-one-half Per Cent. 1940 Loan	42,700 00	
		169,100 00
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		4,000 00
		$1,174,100 00

STATEMENT No. 5.

CONDITION OF THE HORWITZ BENEVOLENT FUND, HELD IN TRUST BY THE COMMISSIONERS OF FINANCE, AS PER RESOLUTION No. 7 OF 1888, ON DECEMBER 31, 1895.

Funding Six Per Cent. 1900 Loan	$1,800 00	
City Hall Six Per Cent. 1900 Loan	1,300 00	
Western Maryland Railroad Six Per Cent. 1902 Loan	5,300 00	
Jones' Falls Six Per Cent. 1900 Loan	200 00	
		$8,600 00
Water Five Per Cent. 1916 Loan		400 00
Western Maryland Railroad Four Per Cent. 1925 Loan		300 00
Jones' Falls Three-and-sixty-five-one-hundredths Per Cent. 1900 Loan		100 00
Public Improvement Three-and-one-half Per Cent. 1940 Loan		1,900 00
Western Maryland Railroad Three-and-one-quarter Per Cent. 1927 Loan		200 00
Cash		75 73
		$11,575 73

STATEMENT No. 6.

A Schedule of Real Estate and Ground Rents upon the Books of the Commissioners of Finance.

Lessees.	Location of Lots.	Annual Rental.
Swain & Banks	Nos. 9, 10, 11 and 12 President street	$ 452 25
Mer. & Miners' Transp'n Co.	" 24, 25, 26, 27, 28 and 29 s. s. Block st.	910 88
C. S. Maltby Company	" 5, 6, 7 and 8 n. s. Block street	293 60
Sisters of Mercy	Calvert Street Spring lot	1,000 00
Balto. & Phila. Stmbt. Co.	200 feet Pratt Street Wharf	3,600 00
Platt & Company	Old Fish House property, s. s. Basin	1,457 00
E. B. Hunting & Company	Nos. 5, 6, 7 and 8 President street	502 50
George Hickman	Fayette and Arch streets	52 00
Boys' Home Society	Pleasant and Calvert streets	50 00
James Clark & Company	Old City Yard property	497 25
Baltimore Dredging Co.	" " " "	480 00
Sarah A. Vogt	Battery avenue	157 50
John G. Huck	Charles and Weyler streets	75 70
Sophia M. Kelly	Nos. 5, 7 and 9 Weyler street	150 00
Aaron Hess	No. 11 Weyler street	33 60
John F. Weyler	" 13 " "	19 20
Joseph Felser	" 15 " "	26 32
Louis Kleinhenn	" 17 " "	26 32
Ida Young	Nos. 19 and 21 Weyler street	52 64
E. C. Eichelberger	No. 23 Weyler street	26 32
H. Klasmeier	" 25 " "	25 48
Catherine Karch	" 27 " "	26 32
Mary A. Steen	Nos. 31 and 33 Weyler street	52 64
Frederick Kull	No. 35 Weyler street	19 20
George Wimmer	" 37 " "	20 32
Snellenberg & Company	Nos. 39 and 41 Weyler street	54 49
J. A. J. Goetze	No. 43 Weyler street	29 60
August Pfeil	" 45 " "	29 60
Elizabeth Schott	" 49 " "	26 32
August Pfeil	Light and Weyler streets	78 06
		$10,225 11

Purchased by Authority of Ordinance No. 81 of 1881.

Baltimore Belt Railr'd Co.	Park avenue near Preston street,	$ 549 00	
Mayor and City Council	Hollins and Monroe streets	750 00	
" " " "	Howard and Little Montgomery streets	120 00	
Mayor and City Council	Park avenue and Robert streets,	86 00	
" " " "	Frederick road and Fairview av.	360 00	
" " " "	Waesche street near Fremont	480 00	
" " " "	Castle street	209 25	
" " " "	Hanover and Lee streets	210 00	
" " " "	Sharp and West streets	570 00	
" " " "	Argyle ave. near Lanvale st.	120 00	
" " " "	Hull and Clement streets	350 00	
" " " "	Linden ave. and Wilson st.	840 00	
" " " "	Charles and Ostend streets	372 50	
" " " "	Ann and Chase streets	501 75	
Amounts carried forward		$5,518 50	$10,225 11

Amounts brought forward	$5,518 50		$10,255 11
Mayor and City Council	Howard street opposite Centre.	1,000 00	
" " " "	Preston and Eden streets	80 00	
" " " "	Broadway and Bank street	200 00	
" " " "	Mosher and Gilmor streets	757 00	
" " " "	Northeast Market	1,200 00	
" " " "	Collington Square	960 00	
" " " "	Perkins' Spring Square	2,052 00	
" " " "	Riverside Park	3,770 62	
" " " "	Holliday and Fayette streets	56 00	
" " " "	Lexington and Paca streets	228 00	
" " " "	Bond and Chew streets	130 00	
" " " "	Carey st. and Columbia ave	385 00	
" " " "	Chappell street near Carey	630 00	
" " " "	Cross-street Market	974 00	
			$17,941 12
Purchased at a cost of	$310,635 27		
			$28,166 23

STATEMENT No. 7.

Funded and Guaranteed Debt.

Name of Loan.	Rate.	When Redeemable.	Amount.
City Hall	6 per cent.	March 15, 1900	$1,000,000 00
Jones' Falls	6 "	April 9, 1900	800,000 00
"	5 "	" 9, 1900	957,000 00
"	3 65/100 "	" 9, 1900	483,000 00
"	3½ "	" 9, 1900	160,000 00
"	3 "	" 9, 1900	100,000 00
Funding	6 "	At pleasure after July 1, 1900,	800,000 00
W. Md. R. R.	6 "	January 1, 1902	1,000,000 00
City Hall	6 "	March 7, 1902	500,000 00
Harford Run.	4 "	November 3, 1904	350,000 00
Water	5 "	At pleasure after July 1, 1916,	5,000,000 00
Funding	5 "	" " " 1, 1916,	1,000,000 00
McDonogh Ext.	5 "	September 1, 1916	280,000 00
Harford Run.	4 "	At pleasure after Jan. 1, 1920,	250,000 00
Patterson Park.	4 "	October 1, 1920	200,000 00
Paving	4 "	At pleasure after Nov. 1, 1920,	500,000 00
Water	4 "	" " " 1, 1922,	500,000 00
W. Md. R. R.	4 "	July 1, 1925	684,000 00
Water	4 "	At pleasure after Nov. 1, 1926,	1,000,000 00
W. Md. R. R.	3¼ "	January 1, 1927	1,704,000 00
Internal Improv't.	3½ "	July 1, 1928	4,850,000 00
Consolidated	3½ "	At pleasure after July 1, 1930,	5,000,000 00
Public Improv't.	3½ "	January 1, 1940	3,682,400 00
Four Million.	3½ "	March 1, 1945	722,500 00
1860 stock	6 "	Unredeemed, no int. allowed.	482 00
Water 1875	6 "	" " "	540 00
One Million 1886.	6 "	" " "	630 50
Consolidated 1890.	6 "	" " "	13,962 48
Five Million 1890.	6 "	" " "	2,003 45
Exempt 1893.	6 "	" " "	500 00
Consolidated 1893.	6 per. cent.	" " "	300 00
Water 1894	5 "	" " "	18,500 00
Park Imp't 1895.	6 "	" " "	3,000 00
			$31,562,818 43

Guaranteed Debt.

Western Maryland Railroad 1900 Six Per Cent. Third Mortgage Bonds	875,000 00
Total funded and guaranteed debt	$32,437,818 43

STATEMENT No. 8.

BALANCE SHEET OF SINKING FUNDS' LEDGER, DECEMBER 31, 1895.

	DR.	CR.
General Sinking Fund		$69,441 39
Public Park Sinking Fund		24,499 48
Western Maryland Railroad 1925 Loan Sinking Fund		77 12
Western Maryland Railroad 1927 Loan Sinking Fund		131 76
Water 1926 Loan Sinking Fund		4,079 57
Western Maryland Railroad Terminal Company Sinking Fund		274 63
Enoch Pratt Free Library Sinking Fund	$ 261 11	
Public Improvement 1940 Loan Sinking Fund		7,233 60
Horwitz Benevolent Fund		75 73
Hillen Station Sinking Fund		375 81
Internal Improvement Loan Sinking Fund		9,294 62
Four Million 1945 Loan Sinking Fund		1,651 35
Public Park Sinking Fund No. 2		22 33
Redemption of Five Million 1890 Loan		2,003 45
Balance	118,899 73	
	$119,160 84	$119,160 84

STATEMENT No. 9.

INDEBTEDNESS OF THE WESTERN MARYLAND RAILROAD COMPANY TO THE MAYOR AND CITY COUNCIL OF BALTIMORE, DECEMBER 31, 1895.

First Mortgage Bonds, due January 1, 1890, held by the Commissioners of Finance	$43,500 00	
Interest thereon from July 1, 1893	6,525 00	
		$ 50,025 00
Second Preferred Mortgage Bonds, due January 1, 1895, held by the Commissioners of Finance	178,500 00	
Interest thereon from July 1, 1893	26,775 00	
		205,275 00
Accrued interest on Second Mortgage Bonds, redeemed January 1, 1887		333,000 00
Third Mortgage endorsement	875,000 00	
Interest thereon to December 31, 1895	1,312,500 00	
		2,187,500 00
Fourth Mortgage, to secure loan of city stock	1,000,000 00	
Interest thereon to December 31, 1895	1,410,000 00	
		2,410,000 00
Fifth Mortgage, to secure loan of city stock	1,704,000 00	
Interest thereon from July 1, 1893	138,450 00	
		1,842,450 00
Loan of city stock under Ordinance No. 71 of 1882	684,000 00	
Interest thereon from July 1, 1893	68,400 00	
		752,400 00
Funding certificates, being amount of matured coupons of First and Second Preferred Mortgage Bonds, funded under Ordinance No. 22 of 1879	226,530 00	
Interest thereon from January 1, 1893	40,775 40	
		267,305 40
Coupons from First Mortgage Unendorsed Bonds	$71,742 00	
Interest thereon to December 31, 1891	69,511 69	
		141,253 69
		$8,189,209 09
Less:		
Value of Western Maryland Railroad 1925 Loan Sinking Fund	$63,177 12	
Value of Western Maryland Railroad 1927 Loan Sinking Fund	130,131 76	
		193,308 88
		$7,995,900 21

INTEREST ON FUNDED AND GUARANTEED DEBT.

FUNDED DEBT.

Name of Issue.	Rate Per Annum.	When Payable.	Where Payable.
City Hall Loan, 1900	6 per cent.	January, April, July and October.	National Farmers and Planters' Bank.
City Hall Loan, 1902	6 "	" " " "	National Farmers and Planters' Bank.
Funding Loan 1900	6 "	" " " "	National Farmers and Planters' Bank.
Western Maryland Railroad Loan, 1927	$3\frac{1}{2}$ "	January and July	National Farmers and Planters' Bank.
Consolidated Loan, 1930	$3\frac{1}{2}$ "	" "	National Farmers and Planters' Bank.
Patterson Park Extension Loan, 1920	4 "	January, April, July and October.	National Mechanics' Bank.
Four Million Loan, 1945	$3\frac{1}{2}$ "	March and September	" " "
Jones' Falls Improvement 1900 Loan	6 "	February, May, August and November.	" " "
" " 1900 "	5 "	February, May, August and November.	" " "
" " 1900 "	$3\frac{65}{100}$ "	February, May, August and November	" " "
" " 1900 "	$3\frac{1}{2}$ "	February, May, August and November	" " "
" " 1900 "	3 "	February, May, August and November	" " "
Western Maryland Railroad Loan, 1902	6 "	January and July	" " "

Western Maryland Railroad Loan, 1925	4	per cent.	January and July	National Mechanics' Bank.
Harford Run Improvement Loan, 1920	4	"	" "	" " "
Completion of Harford Run Improvement Loan, 1904	4	"	" "	" " "
Paving Loan, 1920	4	"	May and November	" " "
Water " 1916	5	"	" "	" " "
" " 1922	4	"	" "	" " "
" " 1926	4	"	" "	" " "
Funding " 1916	5	"	" "	" " "
Internal Improvement Loan, 1928	3½	"	January and July	Farmers and Merchants' National Bank.
Public Improvement, 1940	3½	"	" "	Merchants' National Bank.

GUARANTEED DEBT.

Name of Issue.	Rate Per Annum.	When Payable.	Where Payable.
Western Maryland Railroad Company's Third Mortgage Bonds	6 per cent.	January and July	National Mechanics' Bank.

ANNUAL REPORT

— OF THE —

CITY COMPTROLLER

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

DEPARTMENT OF THE CITY COMPTROLLER.

BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—In accordance with the requirements of law, I have the honor of presenting herewith the report of this department for the fiscal year ending December 31, 1895.

STATEMENT OF RECEIPTS.

From the City Collector, on account of the tax levy for 1895	$3,709,340 26	
From the City Collector, on account of taxes in arrears	1,272,328 52	
From the City Collector, on account of interest on taxes in arrears	28,513 05	
From the City Collector, on account of opening and closing streets and alleys	63,239 44	
From the City Collector, on account of paving streets	56,462 06	
		$5,129,883 33
From market rents and licenses		44,284 25
" rent of public halls		336 50
" wharfage by Harbor Masters		28,315 07
" the Park Board, account of the several parks		238,675 15
" the Jail Visitors, for board of prisoners and sale of refuse		6,984 19
From the county commissioners of several counties for cases removed and tried in the city courts		891 62
From the Water Board, for rents, etc		759,500 32
" the Pound Master, from the sale of dogs		387 70
" ground rents due by sundry parties		288 00
" the Trustees of Bay View Asylum, for board of inmates		1,501 85
From Quarantine Hospital, fees		4,799 42
" the Commissioner of Street Cleaning, for sale of dirt, etc.		935 70
" the Park Board, account of Harlem Park		3,999 63
" the Park Board, account of Eutaw Squares, first division		1,800 00
From the Park Board, account of Eutaw Squares, second division		1,999 99
From the Park Board, account of Madison Square		2,466 00
" " " " " " Lafayette Square		1,994 06
" " " " " " Perkins' Spring Square		1,499 90

From the Park Board, account of Fulton avenue and Baker Circle	$ 3,499	39
From the Park Board, account of Union Square	1,197	91
" the Park Board, account of Broadway Squares, first division	2,864	75
From the Park Board, account of Broadway Squares, second division	1,999	92
From the Park Board, account of Broadway Squares, third division	2,999	97
From the Park Board, account of Franklin Square	1,499	52
" " " " " " Mt. Vernon Squares	1,600	00
" " " " " " Park Place Squares	1,495	67
" " " " " " Ashland Square	135	06
" " " " " " Mt. Royal-ave. Squares	2,908	96
" " " " " " Jackson Square	1,399	73
" " " " " " Taney Place Squares	287	35
" " " " " " Wilkens-avenue Squares	2,499	62
" " " " " " Eastern Fountain	1,438	15
" sundry parties, injury to street lamps	228	00
From permits and advertising, for erecting sheds and boilers	13,271	87
" sundry parties, account for judgments and suits	430	83
" the City Commissioner, for repairs of paved streets	43	95
" " " " " " " bridges	467	32
" " " " " " " sewers	3,529	20
From the City Commissioner, for repairs of Light-street bridge	309	47
From the City Commissioner, for account of salaries	94	00
" " " " " repairs unpaved streets	100	00
From the City Commissioner for Light-street bridge, deficiency	10	00
From the City Commissioner, for repairs, streets, etc., Annex, deficiency	2	81
From the Baltimore Belt Railroad Company, account building North-avenue bridge	80,000	00
From the Mayor's Secretary, from the sale of old paper	30	79
" " sale of tickets for transportation of poor	121	58
" " City Librarian, for the sale of codes and ordinances,	69	36
" auctioneers, for State tax on sales	7,184	58
" Superintendent Court House, for sale of refuse	33	00
From the Superintendent City and Circuit Courts, for sale of refuse	48	00
From licenses for wagons, carts, billiards, etc	67,401	63
" the Fire Commissioners, for sale of refuse	545	25
" magistrates, for violation of city ordinances	3,697	06
" the City Commissioner, for account of advertising	175	30
" Liquor License Commission, account of advertising	9	75
" sundry parties, account temporary loans	3,765,000	00
From the Mayor's Secretary, from sale of topographical maps	100	00
From the Topographical Survey Commission, from sale of horse and wagon, $16.18; old tower, $47.50; and survey and plats of Clifton Park, $400.41	464	09
From the City Commissioner, account repairs, streets, etc., Annex	2	10
From direct tax in the Annex	161,930	61

From interest in the Annex	$ 4,249 59
" the State Treasurer, for liquor licenses	405,891 95
" State tax on city loans	6,202 76
" the inspection of gas-meters	2,326 25
From tax sales for the redemption of property previously sold for taxes	2,515 38
From rent of fence, Fayette, St. Paul and Calvert streets	115 00
" turnpike dividends	376 60
From Secretary of the School Board, account intestate estates	132 10
From sale of old material, new court house	10 00
" conscience fund	345 00
" rebate on insurance of Bayview Asylum	5 83
From Chesapeake and Potomac Telephone Company, account of conduits	4,635 80
From City Commissioner, account of refuse	259 00
" wharfage, sixth district	60 00
From City Commissioner, from sale of old material, 1940 Loan	667 70
From City Commissioner, account paving Franklin street, Six Million Loan	72 00
From the sale of Four Million Loan 1945 Stock	770,596 00
" the sale of Public Improvement 1940 Stock	967,850 00
" Supervisors of Election, account of elections	61 70
" city seals	10 50
" the Park Board, interest on Public Park Loan	10,100 00
" the Water Board, interest on Water Loans	310,000 00
" the Western Maryland Railroad, interest on loans	82,740 00
" the Commissioners of Finance	80,820 00
From damages and expenses for opening, closing and paving streets and alleys	3,133 33
From the State of Maryland, for city's proportion of public school tax	215,424 92
From Secretary of School Board, for use of books, etc	3,900 00
" J. F. Plummer, interest on legacy to public schools	114 50
" the Commissioner of Health, from sale of virus	7 00
" the Park Board, account of Patterson Park	200 00
" the People's Bank, account of interest	2 08
Balance in hand of City Register January 1, 1895	268,946 66
	$13,503,440 88

STATEMENT OF DISBURSEMENTS.

For cleaning and repairs of markets	$ 4,581 93
" " " " public halls	138 00
" Criminal Court	81,046 87
" Superior Court	14,682 95
" Baltimore City Court	14,642 45
" Court of Common Pleas	13,703 42
" Circuit Court	4,307 80
" Circuit Court No. 2	2,555 35
" Orphans' Court	7,917 95
" Magistrates	17,473 07
" judgments and suits	6,094 71

For Police Department	$ 808,995 00
" expenses of the Supervisors of Elections	10,667 46
" registration	28,962 19
" expenses and incidentals of the City Council	60,936 55
" expenses of the Jail	51,284 91
" elections	16,390 67
" public schools, salaries and incidentals	1,006,657 84
" Water Board	609,573 47
" ground rents due by the city	44,630 02
" the Dog Pound	1,246 88
" interest on loans and discount on taxes	165,997 63
" Patterson Park extension	15,229 34
" Park Board	237,462 38
" Harlem Park	3,995 41
" Eutaw Squares, first division	1,788 76
" " " second division	1,949 47
" Madison Square	2,279 16
" Lafayette "	1,984 68
" Perkins' Spring Square	1,500 00
" Fulton-avenue Squares and Baker Circle	3,423 68
" Union Square	1,185 38
" Broadway Squares, first division	2,932 55
" " " second "	1,825 22
" " " third "	2,838 20
" Franklin Square	1,426 44
" Bay View Asylum	104,961 24
" health, salaries	44,750 39
" health, general	14,009 31
" nuisances	12,952 30
" Quarantine Hospital	17,003 27
" cleaning streets	302,415 85
" harbor	34,920 81
" ice-boats	24,999 44
" repairs of wharves	1,948 98
" removing ashes from tow-boats	1,157 83
" dredging Jones' Falls	10,000 00
" Bush-street dock	3,777 09
" City Collector, expenses of office	58,595 83
" Appeal Tax Court	660 85
" gas	139,976 11
" gasoline	6,617 15
" electric lights	140,874 56
" lamplighters' salaries	49,842 00
" Inspector of Buildings	6,276 27
" repairs of Public Schools	16,487 05
" repairs of city property	12,613 36
" permits for sheds, etc	327 78
" cleaning cesspools	621 75
" extra help, Inspector of Buildings	6,200 00
" sanitary and other improvements	2,047 87
" winding clocks at engine houses	200 00
" building Hook and Ladder House No. 10	4,385 00
" partition in No. 5 Primary School	125 00
" fitting up and furnishing Judge Dobler's office	450 00
" rental of auxiliary fire-alarm boxes	4,300 00

For building Primary School No. 35	$28,296 90
" cleaning Battle Monument	50 00
" fire-escape at No. 20 Primary School	488 38
" repairing damage to Police and Fire-alarm Telegraph office	1,500 00
For building Primary School No. 34	12,959 75
" building Primary School No. 4	304 26
" building Western Female High School	7,543 86
" completion of English-German School No. 6	5,889 74
" building Colored School No. 9	15 00
" building Male and Female Primary School No. 37	1,053 18
" painting Fifth Regiment Armory roof	156 96
" repairing Fifth Regiment Armory	600 00
" building Temporary Court House	29,406 18
" General Superintendent of Lamps, salaries	3,000 00
" repairs, paved streets	78,848 37
" " bridges	8,335 19
" " sewers	9,268 14
" Light-street bridge	6,090 06
" salaries of the City Commissioner's office	11,552 00
" flag and stepping-stones	1,994 55
" cross streets	4,697 86
" repairs, unpaved streets	1,500 00
" paving city property	210 23
" building North-avenue bridge—special	2,747 78
" inlets, Carey and Lombard streets	997 77
" inlets, Carrollton avenue and Saratoga street	347 28
" macadamizing Monument street	2,000 00
" repairing gutter, Paca street and Druid Hill avenue	200 00
" macadamizing Marshall avenue	250 00
" repairs, paved streets, deficiency	684 54
" " bridges, deficiency	319 01
" Light-street bridge, deficiency	877 68
" resurfacing Camden street, deficiency	2,481 71
" repairs to Camden, Dover and Sharp streets, deficiency	363 26
" board-walk, North avenue, deficiency	88 18
" paving city property, deficiency	53 54
" repairing Block-street drawbridge, deficiency	1,786 14
" public printing, deficiency	34 75
" repairs around Marsh Market, City Hall, etc., deficiency	938 60
" repairs, streets, etc., Annex, deficiency	612 18
" improvement, Harford Run	9,883 57
" macadamizing East Baltimore street	1,998 56
" foot-bridge, Frederick road	263 68
" inlets, Pennsylvania avenue and Oxford street	573 32
" graveling Ridgely and other streets	1,980 17
" grading Ridgely street	2,000 00
" inlet, Eagle street and Addison alley	475 17
" approaches to North-avenue bridge	79,643 83
" codifying ordinances, etc., City Commissioner's Department	200 00
For iron plates, Dillon street and Canton avenue	749 84
" iron plates, Pratt and Caroline streets	1,195 17
" Mayoralty	2,395 31
" transportation of poor	889 42

For Superintendent City Hall	$ 29,866 68
" City Librarian	9,241 95
" refunded taxes	5,872 40
" expenses of the Court House and Record Office	5,033 04
" " " City and Circuit Courts	4,493 83
" general license	748 83
" " expense	1,370 18
" expenses of the Fire Department	335,331 07
" reconstructing Police and Fire-Alarm Telegraph Office	5,000 00
" fire-alarm boxes, various places	875 00
" purchase of lots in rear of No. 2 Engine House	1,497 00
" expenses of Engine Company No. 17	21,955 25
" " " " No. 19	21,790 35
" " of Hook and Ladder Company No. 10	15,986 63
" fines remitted by the Mayor	625 50
" public printing	1,328 08
" Liquor License Commissioners	14,862 11
" removal of garbage	9,400 00
" temporary loans	3,750,000 00
" pension account, W. H. War	260 00
" Sewerage Commission	4,693 38
" cleaning streets, special	39,013 49
" Topographical Survey	23,020 31
" Electrical Commission	1,169 88
" gas, Annex	16,830 55
" gasoline, Annex	6,970 99
" electric lights, Annex	819 70
" lamplighters' salaries, Annex	15,608 00
" Fire Department, "	43,260 18
" cleaning streets, "	25,146 83
" nuisances, "	1,909 75
" health, salaries, "	3,799 84
" repairs streets, roads, etc. "	9,421 75
" public schools, "	142,914 88
" Inspector of Buildings, livery, Annex	300 00
" extra help, Inspector of Buildings, Annex	1,240 00
" repairs, city property, Annex	3,419 60
" City Collector, Annex	3,799 92
" interest, Annex	3,400 39
" refunded taxes, Annex	251 13
" fire-plugs at Carroll, Annex	250 00
For fire-alarm box, Gorsuch avenue and Quaker lane, Annex	173 22
For fire-alarm box, York road and Twenty-second street, Annex	149 50
For fire-alarm box, Brady avenue and York road, Annex	175 00
" macadamizing Park Heights avenue, Annex	4,950 73
" repairing Twentieth street, Annex	987 54
" shelling Chestnut Hill avenue, Annex	136 40
" repairing Friendship lane, Annex	494 17
" " St. Ann's avenue, Annex	493 59
" " Jenkins lane, Annex	992 45
" " Montebello avenue, Annex	294 11
" special assessment, taxes in the Annex	1,729 97
" Mount Vernon Squares	1,600 00

For Park Place Squares	$1,223 46
" Ashland Square	122 20
" Mount Royal avenue Squares	2,769 05
" Jackson Square	1,267 34
" Taney Place Squares	285 36
" Wilkens-avenue squares	2,237 72
" Eastern Fountain	1,325 08
" dispensaries	16,500 00
" House of Refuge	20,000 00
" House of Reformation	12,000 00
" Mount Hope Retreat	33,000 00
" Maryland Hospital for the Insane	30,000 00
" Hospital of the University of Maryland	10,099 15
" " " " College of Physicians and Surgeons	16,900 00
" Maryland General Hospital	9,295 00
" Baltimore University Hospital	6,745 17
" Good Samaritan Hospital	3,072 07
" St. Joseph's Hospital	5,070 00
" Maryland Homeopathic Hospital	3,264 32
" St. Agnes' Hospital	5,070 00
" St. Joseph's House of Industry	2,000 00
" Female House of Refuge	3,000 00
" Industrial Home for Colored Girls	3,000 00
" Boys' Home Society	3,000 00
" the Simmins' Home	1,000 00
" St. Vincent de Paul's Orphan Asylum	2,000 00
" St. Vincent's Infant Asylum	7,000 00
" St. Mary's Female Orphan Asylum	9,800 00
" Home of the Friendless	2,100 00
" Nursery and Child's Hospital	4,194 96
" St. Elizabeth's Colored Orphan Asylum	4,000 00
" St. Mary's Home for Colored Boys	500 00
" Shelter for Aged Colored Poor	1,000 00
" Home of the Good Shepherd for Colored Girls	2,500 00
" St. Mary's Industrial School	20,000 00
" Manual Labor School	1,500 00
" Deaf and Dumb	441 51
" state tax on city loans	42,508 40
" purchase of lot for Public School No. 4	5,000 00
" sprinkling Mount Royal avenue	650 00
" City Librarian, salaries	2,400 00
" removing filth from docks	2,961 78
" assistance to Examiner of Titles	800 00
" salaries City Officers	51,711 32
" Coroners	7,000 00
" Commissioners for Opening Streets	7,353 30
" rent of room for Clerk Superior Court	225 00
" transportation to House of Correction	230 90
" Maryland Institute	9,000 00
" winding Maryland Institute clock	75 00
" post-mortems	1,500 00
" Supreme Bench	3,475 00
" interest on stock debt	1,316,784 38
" commissions and incidentals of Harbor Masters	7,321 86
" Inspector of Gas and Oils, livery	272 75

For tax sales	$ 4,213 48
" special appropriations	2,856 84
" removal of refuse from packing-houses	5,000 00
" expenses of the City Council Investigating Committee	5,174 26
" Judge-at-Large	2,645 16
" Veteran Volunteer Firemen's Association	1,000 00
" fire-plugs, various places	1,625 00
" drinking-fountains, various places	850 00
" Manual Training School, House of Refuge	3,000 00
" Hebrew Hospital Asylum	1,500 00
" Fourth Regiment, I. M. N. G	3,000 00
" hose for various markets	677 81
" free baths	498 30
" ringing Mechanics' bells	200 00
" purchase of ground for Male and Female Primary School No. 37	8,500 00
" repairing Washington Monument	350 00
" purchase of lot for Male and Female Grammar School No. 13	4,500 00
For removing fountain from 378 Forrest street	50 00
" Friendly Inn	1,000 00
" wharfage, sixth district	12 00
" drinking-fountain, Hollins street and Arlington avenue	75 00
" flags at public schools	500 63
" Internal Improvement 1928 Loan Sinking Fund	84,457 19
" Water 1926 Sinking Fund	28,153 84
" General Sinking Fund	140,758 46
" Public Improvent 1940 Sinking Fund	53,605 50
" Four Million Loan Sinking Fund	10,276 49
" Bush-street sewer, Five Million Loan	3,370 93
" Fremont-street sewer, Five Million Loan	258 22
" Presbury-street " " " "	162 71
" Druid Hill-avenue sewer, Five Million Loan	1,911 14
" Pulaski-street " " " "	701 48
" paving West Lexington street, Five Million Loan	9,058 09
" " Eutaw " " " "	3,185 84
" " East Lexington " " " "	1,650 02
" " Fayette and Lexington streets, Five Million Loan	615 66
For paving Hanover, Lexington and Richmond markets, Six Million Loan	657 51
For paving Calvert street, Six Million Loan	571 60
" Charles-street sewer, " " "	29,138 41
" Fremont-avenue " " " "	34,164 37
" Bruce-alley " " " "	30,996 23
" Bush-street " " " "	15,745 52
" Patapsco-street sewer extension, Six Million Loan	22,404 89
" Fort-avenue sewer, Six Million Loan	40,355 21
" Barclay-street " " " "	182 08
" Orleans-street " " " "	4,496 71
" Druid Hill-avenue sewer, Six Million Loan	22,765 57
" Alluvion-street " " " "	3,163 11
" Presstman-street " " " "	9,302 44
" building North-avenue bridge, Six Million Loan	40,698 57
" " Edmondson-avenue bridge, Six Million Loan	12,560 64
" " Monroe-street bridge, Six Million Loan	6,810 97

For Penn-street sewer, Five Million Loan	$ 70 06
" building Columbia-avenue bridge, Six Million Loan	16,616 90
For completion of North-avenue bridge and approaches, Six Million Loan	35,663 62
For paving Chase street, Six Million Loan	10,437 06
" " Front " " " "	2,061 25
" " Saratoga street, Six Million Loan	6,017 70
" " Gay " " " "	793 41
" " East Baltimore street, Six Million Loan	8,544 36
" " Maryland avenue, " " "	7,857 64
" " Franklin street, " " "	1,646 69
" " Aliceanna " " " "	2,220 00
" " Park avenue, " " "	234 58
" " Holliday and other streets, Six Million Loan	3,615 98
" " Fayette street, " " "	7,492 19
" " Fort avenue, " " "	17,912 94
" " Pratt street, " " "	4,747 60
" " Boston " " " "	2,752 71
" " Poppleton street, " " "	700 00
" " Broadway " " "	303 31
" opening Whitelock street, " " "	39,619 69
" new Court House, " " "	59,785 90
" Topographical Survey, " " "	21,024 98
For purchase of lot and building Baltimore City College, Six Million Loan	72,428 81
For building Western Female High School, Six Million Loan.	69,104 00
" " English-German School No. 6, " " "	27,454 52
For building Colored Primary School No. 10, Five Million Loan	20,676 58
For underground wires, Six Million Loan	94,618 05
" purchase of Clifton Park, Four Million Loan	722,366 30
For premium on Four Million Loan Stock, Four Million Loan	48,096 00
For premium on Public Improvement 1940 Stock, Six Million Loan	17,850 00
For Brice-alley sewer, Six Million Loan	4,712 33
" damages and incidentals in opening and closing streets,	54,776 07
" paving streets and alleys	33,167 74
Balance in hands of City Register, December 31, 1895	520,561 35
	$13,503,440 88

Ordinance No. 100, of October 7, 1892, appropriated as follows:

For ground and building, new court house	$1,750,000 00
" Topographical Survey	125,000 00
" improved pavements	1,600,000 00
" ground and building school houses	400,000 00
" opening and widening streets	300,000 00
" construction of sewers	1,000,000 00
" underground wires	225,000 00
" building bridges	600,000 00
	$6,000,000 00

The City Council has at different periods made appropriations, as follows:

For improved pavements	$1,795,989 95
" construction of sewers	919,500 00
" " of bridges	582,700 00
" purchase of ground and building schools	433,000 00
" widening Union Dock	48,994 97
" opening McCulloh street	79,405 37
" " Whitelock street	19,150 85
" Topographical Survey	125,000 00
" underground wires	200,000 00
" purchase of ground and building new court house	1,750,000 00
	$5,953,741 14

EXPENDITURES UNDER THE SIX MILLION LOAN.

For improved pavements	$1,482,218 79
" construction of sewers	572,093 44
" " of bridges	525,016 56
" ground and building schools houses	354,786 69
" Topographical Survey	125,000 00
" underground wires	109,026 86
" ground and building new court house	417,586 70
" opening McCulloh street	77,658 01
" " Whitelock street	19,384 16
" widening Union Dock	48,238 18
	$3,731,009 39

EXPENDITURES UNDER THE FIVE MILLION LOAN.

For public schools and lots	$ 397,366 11
" public park, Southwest Baltimore	50,000 00
" improvement Patterson Park	200,000 00
" construction of bridges	241,491 41
" " of sewers	1,738,016 28
" improved pavements	997,582 38
" widening East Baltimore street	168,220 33
" " Fayette street	555,124 59
" opening Douglas street	373,473 46
	$4,721,274 56

For information in detail connected with the operations of the department of the City Comptroller, I respectfully invite your attention to the subjoined tables.

Table A is a statement of the amount charged and credited to the City Register.

Table B shows the amount of taxes collected during the year, and amount charged to the City Collector for taxes in arrears.

Table C is a statement of the receipts and disbursements of Markets, Public Halls, General Licenses, Theatricals and Wharfage accounts.

Table D is a statement of the several Courts, Supreme Bench, Magistrates, City Council, Water Board, Police Department, Supervisors of Elections, Removed Cases, Registration and Baltimore City Jail.

Table E is an exhibit of the payment on account of Interest, Dog Pound, Public Schools, City Property, Gas and Electric Lights, and State Tax on City Loans, Internal Improvement 1928 Loan, and Public Improvement 1940 Loan, and Purchase of Clifton Park.

Table F is a statement of receipts and disbursements on account of Druid Hill and Patterson Parks, and Patterson Park Extension.

Statement A is a statement of the several Public Squares, Health Department, Harbor Board, Commissioner of Street Cleaning, City Collector, City Poor, General Superintendent of Lamps, Inspector of Buildings' Department, City Commissioner's Department, Fire Department, and general expenditures under the head of miscellaneous.

Statement B shows the amounts received and paid for opening, closing and widening streets and alleys.

Statement G shows the amounts paid for paving streets and alleys, and amounts received from the City Collector on account of paving streets.

Statement H shows the amount expended in the annexed territory.

The last tables in this report specify the various purposes for which the amounts expended under the Five and Six Million Loans have been used, and I respectfully refer you to them.

I have the honor to be, very respectfully,

Your obedient servant,

JAMES R. HORNER,

Comptroller of the City.

TABLES.

TABLE A.

JOHN A. ROBB, REGISTER, IN ACCOUNT WITH THE MAYOR AND CITY COUNCIL OF BALTIMORE.

1895.		DR.		1895.		CR.	
January	1.	To balance	$ 268,946 66	January	31.	By Comptroller's warrants.	$1,006,036 01
"	31.	To cash	1,095,589 26	February	28.	" " "	919,730 44
February	28.	"	985,900 42	March	31.	" " "	1,040,940 62
March	31.	"	805,211 29	April	30.	" " "	699,240 88
April	30.	"	792,075 99	May	31.	" " "	1,654,791 91
May	31.	"	888,264 47	June	30.	" " "	1,012,269 00
June	30.	"	2,706,122 27	July	31.	" " "	1,250,307 28
July	31.	"	1,636,421 19	August	31.	" " "	1,822,026 18
August	31.	"	660,753 95	September	30.	" " "	1,172,107 55
September	30.	"	1,000,073 44	October	31.	" " "	679,144 47
October	31.	"	693,819 15	November	30.	" " "	927,346 37
November	30.	"	762,469 43	December	31.	" " "	798,938 82
December	31.	"	1,207,793 36	"	31.	" balance	520,561 35
			$13,503,440 88				$13,503,440 88

TABLE B.

COLLECTION OF TAXES, OPENING OF STREETS, ETC., MADE BY THE CITY COLLECTOR, FOR THE YEAR ENDING DECEMBER 31, 1895.

	1890.	1891.	1892.	1893.	1894.	1895.	Total.
Police Department	$121 67	$519 02	$1,569 47	$39,296 34	$156,245 05	$575,482 93	$ 773,234 48
Certain expenses	33 57	166 86	502 22	8,873 46	49,998 40	164,423 59	223,998 10
Public schools	109 07	426 37	1,569 47	40,563 97	199,993 71	647,418 29	890,080 88
City poor	41 96	185 38	627 77	13,943 86	62,498 04	246,635 53	323,932 54
Direct tax	293 70	852 76	2,699 43	36,761 11	324,989 84	1,089,307 02	1,454,903 86
Miscellaneous stocks	138 46	444 91	1,883 35	38,028 76	143,745 46	616,588 86	800,829 80
Opening streets	25 17	74 15	188 31	5,070 51	43,748 62	20,552 94	69,659 70
Water tax	8 39	37 08	125 52	2,535 29	12,499 59		15,205 87
Water 1926 Sinking Fund	2 10	18 53	62 79	1,267 65	6,249 82	20,552 95	28,153 84
Internal Improvement 1928 Sinking Fund	2 10	55 61	188 28	3,802 93	18,749 39	61,658 88	84,457 19
General Sinking Fund		92 67	313 89	6,338 07	31,249 02	102,764 81	140,758 46
Public Improvement 1940 Sinking Fund					12,499 60	41,105 90	53,605 50
Four Million Loan Sinking Fund						10,276 49	10,276 49
	$776 19	$2,873 34	$9,730 50	$196,481 95	$1,062,466 54	$3,596,768 19	$4,869,096 71
Interest	193 49	558 88	1,352 31	16,790 39	9,617 98		28,513 05
Discount						112,572 07	112,572 07
	$969 68	$3,432 22	$11,082 81	$213,273 34	$1,072,084 52	$3,709,340 26	$5,010,181 83
Opening and closing streets and alleys							63,239 44
Paving streets and alleys							56,462 06
							$5,129,883 33

TABLE B—Concluded.

CITY TAXES RECEIVED FROM THE ANNEXED TERRITORY DURING THE YEAR 1895.

	DR.	CR.
Total amount received		$166,180 20
Amount collected for taxes, levy of 1895	$117,795 34	
" " " " in arrears	47,535 66	
" " " interest on taxes in arrears,	849 20	
		$166,180 20

TABLE C.

Hanover Market.—John H. Mortimer, Clerk.

	DR.	CR.
Butcher stall rents		$ 936 00
Fish stall rents		124 00
Permanent stall rents		201 00
Eave stall rents		130 00
Vegetable stall rents		68 00
Street stall rents		545 00
Per diem rents		1,431 85
Licenses		1,020 00
		$4,455 85

Belair Market.—Joseph H. Wright, Clerk.

	DR.	CR.
Butcher stall rents		$1,385 00
Fish stall rents		166 00
Permanent stall rents		360 00
Eave stall rents		184 00
Street eave stall rents		320 00
Cucumber stall rents		714 00
Movable stall rents		196 00
Per diem rents		2,251 20
Licenses		2,030 00
		$7,606 20

Hollins Market.—James Biden, Clerk.

	DR.	CR.
Butcher stalls, rent and license		$ 697 00
Fish stalls, rent and license		60 00
Permanent stalls, rent and license		200 00
Eave stalls, rent and license		220 00
Space stalls, rent and license		205 00
Street eave stalls, rent and license		625 00
Pavement stalls, rent and license		25 00
End stalls, rent and license		55 00
Three and nine-months' stalls, rent and license		30 00
Per diem rents		1,447 50
		$3,564 50

TABLE C—Continued.

Centre Market.—M. J. Mulcrone, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$1,130 00
Fish stalls, rent and license		651 00
Permanent stalls, rent and license		567 00
Eave stalls, rent and license		464 00
Gutter stalls, rent and license		388 00
Street eave stalls, rent and license		120 00
Movable stalls, rent and license		559 00
Per diem rents		1,848 90
		$5,727 90

Cross Street Market.—Charles B. Kemper, Clerk.

	Dr.	Cr.
Butcher stall rents		$ 717 50
Permanent stall rents		345 00
Eave stall rents		420 00
Fish stall rents		190 00
Vegetable stall rents		310 00
Street eave stall rents		245 00
Per diem rents		1,865 10
		$4,092 60

Lexington Market.—John Doering, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$2,120 00
Fish stalls, rent and license		49 00
Permanent stalls, rent and license		180 00
Eave stalls, rent and license		70 00
Vegetable stalls, rent and license		12 00
Street eave stalls, rent and license		55 00
Cucumber stalls, rent and license		110 00
Movable stalls, rent and license		14 00
Per diem rents		4,121 00
		$6,731 00

Mr. James A. Strong, late Clerk of the Lexington Market, having died June 6, 1895, no return of the money collected for licenses and rent was made for the quarter commencing May 1, 1895; the amount thereof was $5,914, and is in the hands of his administrator.

TABLE C—Continued.

Richmond Market.—George H. Clifton, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		192 00
Fish stalls, rent and license		50 00
Permanent stalls, rent and license		79 00
Eave stalls, rent and license		60 00
Movable stalls, rent and license		27 00
Street eave stalls, rent and license		5 00
Space stalls, rent and license		65 00
Kerb stalls, rent and license		45 00
Aisle stalls, rent and license		30 00
Per diem rents		1,077 20
		$1,630 20

Fell's Point Market.—William A. Callahan, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$1,155 00
Fish stalls, rent and license		68 00
Permanent stalls, rent and license		378 00
Eave stalls, rent and license		378 00
Vegetable stalls, rent and license		826 00
Street eave stalls, rent and license		26 00
Movable stalls, rent and license		52 00
Per diem rents		1,505 80
Licenses		1,875 00
		$6,263 80

Lafayette Market.—John Farrell, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$260 00
Permanent stalls, rent and license		464 00
Eave stalls, rent and license		511 00
Street eave stalls, rent and license		95 00
Space stalls, rent and license		45 00
Per diem rents		758 00
		$2,133 00

Northeast Market.—Charles Briggeman, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$240 00
Eave stalls, rent and license		98 00
Permanent stalls, rent and license		324 00
Vegetable stalls, rent and license		188 50
Fish stalls, rent and license		14 00
End stalls, rent and license		5 00
Movable stalls, rent and license		10 50
Per diem rents		725 10
		$1,605 10

TABLE C—Continued.

Canton Market.—John Cadden, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license		$105 00
Permanent stalls, rent and license		108 00
Eave stalls, rent and license		98 00
Fish stalls, rent and license		7 00
Per diem rents		156 10
		$474 10

Summary of Markets.

	Dr.	Cr.
Hanover Market		$4,455 85
Belair Market		7,606 20
Cross-street Market		4,092 60
Lexington Market		6,731 00
Hollins Market		3,564 50
Centre Market		5,727 90
Richmond Market		1,630 20
Fell's Point Market		6,263 80
Lafayette Market		2,133 00
Northeast Market		1,605 10
Canton Market		474 10
		$44,284 25
Expenses of Cleaning, Repairs, Etc.		
Hanover Market	$435 96	
Belair Market	540 89	
Cross-street Market	286 80	
Lexington Market	676 90	
Hollins Market	336 00	
Centre Market	642 30	
Richmond Market	399 75	
Fell's Point Market	513 50	
Lafayette Market	256 33	
Northeast Market	316 75	
Canton Market	176 75	
		$4,581 93
Net revenue		$39,702 32

Public Halls.

Hollins Hall.

	Dr.	Cr.
By amount received for rent		$223 50
To amount paid for cleaning, etc	$109 00	

Cross-street Hall.

By amount received for rent		113 00
To amount paid for cleaning, etc	29 00	
" balance, December 31, 1895	198 50	
	$336 50	$336 50

TABLE C—Continued.

RECEIPTS FROM LICENCES.

	Dr.	Cr.
Wagons, one horse		$17,836 30
" two and three horses		10,129 00
" four or more horses		656 55
Carts		5,105 35
Drays		341 65
Omnibuses, cars and hacks		3,421 05
Package carts		593 30
Lighters		322 60
Bacon and puddings		1,698 70
Bowling-alleys		58 35
Merchandise		144 60
Foreign fruit		266 45
Billiards		2,252 20
Bagatelle		779 95
Pawnbrokers		1,000 00
Peddlers		803 95
Dogs		497 20
Coal oil		1,568 90
Theatricals		2,813 00
Telegraph poles		17,112 53
		$67,401 63

TABLE C—Concluded.

COLLECTION OF WHARFAGE FROM JANUARY 1, 1895, TO DECEMBER 31, 1895.

DATE.	First District.	Second District.	Third District.	Fourth District.	Fifth District.	Aggregate.
January	$71 90	$185 33	$151 20	$426 00	$1,359 85	$2,194 28
February	44 40	166 41	104 75	416 00	1,218 21	1,949 77
March	56 75	101 82	101 32	402 00	500 27	1,162 16
April	54 00	205 83	124 69	354 00	1,538 14	2,276 66
May	45 00	247 01	152 54	351 50	1,816 05	2,612 10
June	56 85	208 59	204 33	368 10	1,664 12	2,501 99
July	67 60	353 60	274 81	371 30	1,504 93	2,572 24
August	59 25	372 75	267 70	381 00	1,607 25	2,687 95
September	66 25	349 92	307 00	529 50	1,672 92	2,925 59
October	62 50	384 92	247 28	386 50	1,458 22	2,539 42
November	70 40	205 01	201 38	401 50	1,751 26	2,629 55
December	76 00	233 50	180 13	392 50	1,381 23	2,263 36
	$730 90	$3,014 69	$2,317 13	$4,779 90	$17,472 45	$28,315 07

Total collection from January 1, 1895, to December 31, 1895		$28,315 07
Less amount paid to Harbor Master	$5,663 01	
Less amount paid for boatmen's salary	1,200 00	
Less amount paid for rent and incidental expenses	458 85	
		7,321 86
Net revenue		$20,993 21

TABLE D.

Criminal Court.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$65,000 00
To amount paid bailiffs	$ 7,500 00	
" " " clerk	17,087 45	
" " " State's Attorney	17,012 89	
" " " Sheriff	20,423 70	
" " " for board of jurors	580 50	
" " " stationery for Grand Jury	150 48	
" " " for expert testimony	185 00	
" " " detectives' expenses	438 30	
" " " stenographers	868 45	
" " " surveys	45 00	
" " " witness fees	1,067 93	
" " " attorney fees	1,090 00	
" " " directories	12 00	
" " " grand and petit jurors	14,585 17	
By balance, December 31, 1895		16,046 87
	$81,046 87	$81,046 87

Superior Court.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$15,000 00
To amount paid bailiffs	$6,000 00	
" " " clerk	2,139 15	
" " " janitor	420 00	
" " " Sheriff	369 80	
" " " for stationery	110 00	
" " " jurors	5,644 05	
By balance, December 31, 1895	317 05	
	$15,000 00	$15,000 00

Baltimore City Court.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$13,000 00
To amount paid bailiffs	$4,500 00	
" " " clerk	2,452 30	
" " " Sheriff	362 00	
" " " stenographer	895 20	
" " " for stationery	269 05	
" " " jurors	6,163 90	
By balance, December 31, 1895		1,642 45
	$14,642 45	$14,642 45

TABLE D—Continued.

Court Common Pleas.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$14,000 00
To amount paid bailiff	$4,500 00	
" " " clerk	1,903 20	
" " " Sheriff	327 20	
" " " watchman	1,000 02	
" " " jurors	5,973 00	
To balance, December 31, 1895	296 58	
	$14,000 00	$14,000 00

City Court.

	Dr.	Cr.
By appropriation, Ordinance No. 64.		$4,500 00
To amount paid bailiffs	$3,000 00	
" " " watchman.	900 00	
" " " clerk	247 95	
" " " stationery	159 85	
To balance, December 31, 1895	192 20	
	$4,500 00	$4,500 00

Circuit Court No. 2.

	Dr.	Cr.
By appropriation, Ordinance No. 64.		$3,000 00
To amount paid bailiff.	$1,500 00	
" " " watchman.	900 00	
" " " clerk	124 65	
" " " for stationery	30 70	
To balance, December 31, 1895	444 65	
	$3,000 00	$3,000 00

Orphans' Court.

	Dr.	Cr.
By appropriations, Ordinance No. 64		$8,000 00
To amount paid judges	$5,652 00	
" " " bailiff	1,252 00	
" " " janitor	950 00	
" " " for stationery	63 95	
To balance, December 31, 1895	82 05	
	$8,000 00	$8,000 00

Supreme Bench.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$3,600 00
To amount paid judges	$3,425 00	
To amount paid City Collector forfurnishing list of taxpayers	50 00	
To balance, December 31, 1895	125 00	
	$3,600 00	$3,600 00

TABLE D—Continued.

Magistrates.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$16,000 00
To amount paid magistrates	$16,624 43	
" " " substitutes	848 64	
By balance, December 31, 1895		1,473 07
	$17,473 07	$17,473 07

Fines.

	Dr.	Cr.
By amount of city's proportion of fines		$3,697 06
To amount paid for fines remitted by the Mayor.	$ 625 50	
" balance, December 31, 1895	3,071 56	
	$3,697 06	$3,697 06

City Council.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$58,000 00
To amount paid to members	$33,478 14	
" " " to clerks, etc	15,699 36	
" " " for printing and other expenses	11,759 05	
By balance, December 31, 1895		2,936 55
	$60,936 55	$60,936 55

Police Department.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$810,400 00
To amount paid on warrants of the Board of Police Commissioners	$808,995 00	
To balance, December 31, 1895	1,405 00	
	$810,400 00	$810,400 00
Received from the City Collector on account of the levy for the Police Department		$773,234 48

Supervisors of Elections.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$11,000 00
To amount paid Supervisors and clerk	$7,200 00	
" " " counsel	750 00	
To amount paid messenger and extra clerical assistance	2,590 00	
To amount paid for printing and incidentals	127 46	
" balance, December 31, 1895	332 54	
	$11,000 00	$11,000 00

TABLE D—Concluded.

Registration.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$29,000 00
To amount paid registration officers and room rent	$23,661 94	
To amount paid for extra counsel	1,050 00	
" " " " advertising, etc	4,250 25	
" balance, December 31, 1895	37 81	
	$29,000 00	$29,000 00

Removed Cases.

	Dr.	Cr.
By amount received from Charles County		$450 77
" " " " Anne Arundel County,		440 85
To balance, December 31, 1895	$891 62	
	$891 62	$891 62

Water Board.

	Dr.	Cr.
To balance, January 1, 1895	$49,269 08	
By amount received from water rents, etc		$759,500 32
By amount received from City Collector on account of water tax		15,205 87
To amount paid on warrants of the Water Board for interest on loan, salaries, etc	609,573 47	
To balance, December 31, 1895	115,863 64	
	$774,706 19	$774,706 19

Baltimore City Jail.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$55,000 00
By amount received from board of United States prisoners		1,278 80
By amount received from hire of prisoners		5,291 60
By amount received from Caroline County for board		127 00
By amount received from Virginia for board		10 50
By amount received from Cecil County, for board		1 50
By amount received from Prince George's County for board		23 00
By amount received from sale of refuse		251 79
To amount paid on warrants of the Board of Visitors	$51,284 91	
To balance, December 31, 1895	10,699 28	
	$61,984 19	$61,984 19

TABLE E.

General Interest.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$ 90,000 00
By amount received from City Collector for interest on arrears of taxes		141,085 12
By amount received from People's Bank		2 08
To amount paid for interest on loans and accounts due by the Mayor and City Council of Baltimore	$165,997 63	
To balance, December 31, 1895	65,089 57	
	$231,087 20	$231,087 20

Dog Pound.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$1,300 00
" amount received for dead dogs		42 20
" " " " dogs redeemed		315 50
" " " " " sold at auction		30 00
To amount paid for dogs captured	$1,246 88	
To balance, December 31, 1895	440 82	
	$1,687 70	$1,687 70

Public Schools.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$1,005,890 00
" " Resolution No. 2		3,675 00
" " " No. 2		8,200 00
To amount paid on warrants of the Board of School Commissioners	$1,006,657 84	
To balance, December 31, 1895	11,107 16	
	$1,017,765 00	$1,017,765 00
Receipts from various sources:		
From the City Collector on account of the tax levy		$890,080 88
From the State, city's proportion of State tax.		215,424 92
" John F. Plummer, Executor		114 50
" H. M. Cowles, Secretary		3,900 00
		$1,109,520 30

City Property.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$44,506 00
" sundry parties, ground rent due the city		288 00
To amount of rents paid sundry parties	$44,630 02	
" balance, December 31, 1895	163 98	
	$44,794 00	$44,794 00

TABLE E—Concluded.

Gas and Electric Lights.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$140,000 00
" " " No. 64		142,000 00
To amount paid for gas	$139,976 11	
" " " " electric lights	140,874 56	
" balance, December 31, 1895	1,149 33	
	$282,000 00	$282,000 00

State Tax on City Loans.

	Dr.	Cr.
By appropriation, Ordinance No. 64		$44,000 00
By amount received from City Register and Commissioners of Finance		6,202 76
To amount paid State Treasurer	$42,508 40	
To balance, December 31, 1895	7,694 36	
	$50,202 76	$50,202 76

Internal Improvement 1928 *Loan.*

	Dr.	Cr.
By balance, January 1, 1895		$170,386 17
To amount paid on account of sundry sewers and paving streets, etc	$ 41,660 73	
To balance, December 31, 1895	128,725 44	
	$170,386 17	$170,386 17

Public Improvement 1940 *Loan.*

	Dr.	Cr.
To balance, January 1, 1895	$226,536 85	
By amount received from sale of bonds		$967,850 00
To amount paid Commissioners of Finance as premium on bonds	17,850 00	
To amount paid on account of sundry sewers, bridges, school houses and paving streets, etc	777,256 55	
By balance, December 31, 1895		53,793 40
	$1,021,643 40	1,021,643 40

Purchase of Clifton Park.

	Dr.	Cr.
By appropriation, Ordinance No. 3		$722,366 30
To amount paid for purchase of land	$713,385 69	
" " " Sheriff for expenses	6,926 70	
To amount paid for court costs and other expenses	2,053 91	
	$722,366 30	$722,366 30

TABLE F.

Druid Hill and Patterson Parks.

	Dr.	Cr.
By balance, January 1, 1895		$ 3,490 70
By amount received from city passenger railway companies, as follows:		
Baltimore City Passenger Railway Company		95,749 63
" Traction Company		68,785 80
City and Suburban Railway Company		50,566 98
Central Railway Company		14,980 69
Lake Roland Elevated Railway Company		4,084 39
By amount received from Park Commissioners, as follows:		
Druid Hill Park		3,579 22
Patterson "		442 27
Federal Hill "		166 00
Carroll "		22 55
Riverside "		5 00
Clifton "		292 62
To amount paid on warrants of the Park Commissioners	$237,462 38	
To balance, December 31, 1895	4,703 47	
	$242,165 85	$242,165 85

Patterson Park Extension.

	Dr.	Cr.
By balance. January 1, 1895		$ 539 15
" appropriation, Ordinance No. 66		15,000 00
By amount received from Commissioners for sale of old cars and rails		200 00
To amount paid on warrants of Park Commissioners	$15,229 34	
To balance, December 31, 1895	509 81	
	$15,739 15	$15,739 15

STATEMENTS.

STATEMENT A.

Accounts.	Appropriations.	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Public Squares.					
Harlem Park		$3,995 41	$4,000 00		$ 4 59
Eutaw Squares, First Division		1,788 76	1,800 00		11 24
" " Second "		1,949 47	2,000 00		50 53
Madison Square		2,279 16	2,500 00		220 84
Lafayette "		1,984 68	2,000 00		15 32
Perkins' Spring Square		1,500 00	1,500 00		
Fulton-avenue Squares and Baker Circle		3,423 68	3,500 00		76 32
Union Square		1,185 38	1,200 00		14 62
Broadway Squares, First Division		2,932 55	3,000 00		67 45
" " Second "		1,825 22	2,000 00		174 78
" " Third "		2,838 20	3,000 00		161 80
Franklin Square		1,426 44	1,500 00		73 56
Mount Vernon Squares		1,600 00	1,600 00		
Park Place "		1,223 46	1,500 00		276 54
Ashland Square		122 20	150 00		27 80
Mount Royal-avenue Squares		2,769 05	3,000 00		230 95
Jackson Square		1,267 34	1,400 00		132 66
Taney Place Squares		285 36	300 00		14 64
Wilkens-avenue Squares		2,237 72	2,500 00		262 28
Eastern Fountain		1,325 08	1,500 00		174 92
Health Department.					
General health	$16,000 00	14,009 31	7 00		1,997 69
Salaries	44,800 00	44,750 39			49 61
Nuisances	13,000 00	12,952 30			47 70

Quarantine Hospital	18,000 00	17,603 27	4,799 42		5,796 15
Post-mortems	1,500 00	1,500 00			
Removing filth from docks	3,000 00	2,961 78			38 22
" refuse from packing houses	5,000 00	5,000 00			
Harbor.					
Dredging, salaries, etc	35,000 00	34,920 81			79 19
Ice-boats	25,000 00	24,999 44			56
Repairs of wharves	2,000 00	1,948 98			51 02
Removing ashes from tow-boats	1,500 00	1,157 83			342 17
Dredging Jones' Falls	10,000 00	10,000 00			
Bush-street dock	8,500 00	3,777 09			4,722 91
City Collector.					
Salaries, incidentals, etc	58,600 00	58,595 83			4 17
Appeal Tax Court	800 00	660 85			139 15
Cleaning Streets.					
Salaries, cleaning streets, etc	313,828 00	302,415 85	935 70		12,347 85
Removal of garbage	9,400 00	9,400 00			
City Poor.					
Bay View Asylum	105,000 00	104,961 24	1,501 85		1,540 61
House of Refuge	20,000 00	20,000 00			
House of Reformation	12,000 00	12,000 00			
Mount Hope Retreat	33,000 00	33,000 00			
Maryland Hospital for Insane	30,000 00	30,000 00			
University of Maryland Hospital	10,140 00	10,099 15			40 85
Hospital of College Physicians and Surgeons	16,900 00	16,900 00			

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Maryland General Hospital	$ 9,295 00	$ 9,295 00			
Baltimore University Hospital	6,760 00	6,745 17			$ 14 83
Good Samaritan Hospital	3,380 00	3,072 07			307 93
St. Joseph's Hospital	5,070 00	5,070 00			
Maryland Homeopathic Hospital	3,380 00	3,264 32			115 68
St. Agnes' Hospital	5,070 00	5,070 00			
St. Joseph's Home of Industry	2,000 00	2,000 00			
Female House of Refuge	3,000 00	3,000 00			
Industrial Home for Colored Girls	3,000 00	3,000 00			
Boys' Home Society	3,000 00	3,000 00			
The Simmins' Home	1,000 00	1,000 00			
St. Vincent de Paul's Orphan Asylum	2,000 00	2,000 00			
St. Vincent's Infant Asylum	7,000 00	7,000 00			
St. Mary's Female Orphan Asylum	9,800 00	9,800 00			
Home of the Friendless	2,100 00	2,100 00			
Nursery and Child's Hospital	4,200 00	4,194 96			5 04
St. Elizabeth's Colored Orphan Asylum	4,000 00	4,000 00			
St. Mary's Home for Colored Boys	500 00	500 00			
Shelter for Aged Colored Poor	1,000 00	1,000 00			
House of the Good Shepherd for Colored Girls	2,500 00	2,500 00			
St. Mary's Industrial School	20,000 00	20,000 00			
Manual Labor School	1,500 00	1,500 00			
Deaf and Dumb at Frederick	500 00	441 51			58 49
Dispensaries.					
Southern Homeopathic	1,000 00	1,000 00			

Northeastern	1,500 00	1,500 00			
Eastern	1,800 00	1,800 00			
Baltimore General	2,000 00	2,000 00			
Baltimore Medical	1,500 00	1,500 00			
Maryland Homeopathic	1,000 00	1,000 00			
College Physicians and Surgeons	1,300 00	1,300 00			
Woman's and Child's Hospital	500 00	500 00			
Baltimore University	1,200 00	1,200 00			
University of Maryland	1,000 00	1,000 00			
Baltimore College of Dental Surgery	500 00	500 00			
Southern	1,200 00	1,200 00			
Provident Hospital	800 00	800 00			
Eye, Ear and Throat Charity Hospital	500 00	500 00			
Evening Dispensary for Working Girls	700 00	700 00			
General Superintendent of Lamps' Department.					
Salaries	3,000 00	3,000 00			
Gasoline lamps, lamp pillars, etc	6,749 00	6,617 15			131 85
Lamplighters' salaries	47,930 00	49,842 00		1,912 00	
Inspecting gas-meters			2,326 25		2,326 25
Inspector of Buildings' Department.					
Salaries, incidentals, etc	6,300 00	6,276 27			23 73
Repairs of public schools	17,000 00	16,487 05			512 95
" " city property	13,500 00	12,613 36			886 64
Permits for sheds, boilers, etc		327 78	13,271 87		12,944 09
Cleaning cess-pools	700 00	621 75			78 25
Extra help, Inspector of Buildings	6,200 00	6,200 00			
Sanitary and other improvements	3,000 00	2,047 87			952 13
Winding clocks at engine houses	200 00	200 00			
Building Hook and Ladder House No. 10	4,940 00	4,385 00			555 00

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr,
Partition, No. 5 Primary School	$ 400 00	$ 125 00			$ 275 00
Fitting up and furnishing Judge Dobler's office	450 00	450 00			
Rental of auxiliary fire-alarm boxes	4,300 00	4,300 00			
Building Primary School No. 35	28,296 90	28,296 90			
Cleaning Battle Monument		50 00		$ 50 00	
Building Colored School No. 10	4,000 00				4,000 00
Repairing damage to Police and Fire-Alarm Telegraph office	1,500 00	1,500 00			
Fire-escape at Primary School No. 20	550 00	488 38			61 62
Building Primary School No. 34	30,000 00	12,959 75			17,040 25
" " " No. 4	35,000 00	304 26			34,695 74
" Western Female High School	30,000 00	7,543 86			22,456 14
" Baltimore City College	37,000 00				37,000 00
Completion of English-German School No. 6	6,000 00	5,889 74			110 26
Building temporary Court House	31,000 00	29,406 18			1,593 82
Building Colored School No. 9	35,000 00	15 00			34,985 00
Building Male and Female Primary School No. 37	12,500 00	1,053 18			11,446 82
Painting 5th Regiment Armory roof	250 00	156 96			93 04
Painting 5th Regiment Armory	600 00	600 00			
City Commissioner's Department.					
Repairs of paved streets	75,000 00	78,848 37	43 95	3,804 42	
" " bridges	4,000 00	8,335 19	467 32	3,867 87	
" " sewers	5,000 00	9,268 14	3,529 20	738 94	

Light-street bridge	5,000 00	6,090 06	309 47	780 59	
Salaries, incidentals and livery	10,760 00	11,552 00	94 00	698 00	
Flag and stepping-stones	2,000 00	1,994 55			5 45
Cross streets	7,000 00	4,697 86			2,302 14
Repairs unpaved streets	1,500 00	1,500 00	100 00		100 00
Paving city property	500 00	210 23			289 77
Building North-avenue bridge, special	2,825 16	2,747 78			77 38
Inlets, Carey and Lombard streets	1,000 00	997 77			2 23
Inlets, Carrollton avenue and Saratoga st.	350 00	347 28			2 72
Macadamizing Monument street	2,000 00	2,000 00			
Repairing gutter, Paca street and Druid Hill avenue	200 00	200 00			
Macadamizing Marshall avenue	250 00	250 00			
Repairs, paved streets, deficiency	684 54	684 54			
Repairs of bridges, deficiency	319 01	319 01			
Light-street bridge, deficiency	877 68	877 68	10 00		10 00
Resurfacing Camden street, deficiency	2,481 71	2,481 71			
Repairs to Camden, Dover and Sharp streets, deficiency	363 26	363 26			
Board-walk, North avenue, deficiency	117 34	88 18			29 16
Paving city property, deficiency	53 54	53 54			
Repairing Block-street drawbridge, deficiency	1,786 14	1,786 14			
Public printing, deficiency	34 75	34 75			
Repairs around Marsh Market and City Hall, deficiency	938 60	938 60			
Repairs, streets, Annex, deficiency	612 18	612 18	2 81		2 81
Improvement Harford Run	17,478 06	9,883 57			7,594 49
Macadamizing East Baltimore street	2,000 00	1,998 56			1 44
Foot-bridge, Frederick road	300 00	263 68			36 32
Inlets, Pennsylvania avenue and Oxford street	600 00	573 32			26 68
Graveling Ridgely and other streets	2,000 00	1,980 17			19 83
Grading Ridgely street	2,000 00	2,000 00			

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Hudson-street sewer	$ 1,500 00				$1,500 00
Inlets, Eagle street and Addison alley	500 00	$ 475 17			24 83
Approaches to North-avenue bridge		79,643 83	$80,000 00		356 17
Codifying ordinances and resolutions	200 00	200 00			
Iron plates, Dillon street and Canton ave.	775 00	749 84			25 16
Iron plates, Pratt and Caroline streets	1,200 00	1,198 17			1 83
Fire Department.					
Salaries, incidentals, repairs, etc	342,141 26	335,331 07	545 25		7,355 44
Reconstructing Police and Fire-Alarm Telegraph Office	5,000 00	5,000 00			
Fire-alarm boxes, various places	875 00	875 00			
Purchase of lots in rear No. 2 Engine House	1,500 00	1,497 00			3 00
Engine Company No. 17	22,000 00	21,955 25			44 75
Engine Company No. 19	22,000 00	21,790 35			209 65
Hook and Ladder Company No. 10	16,000 00	15,986 63			13 37
Miscellaneous.					
Mayoralty	3,000 00	2,395 31	30 79		635 48
Transportation of poor	800 00	889 42	121 58		32 16
Superintendent City Hall	30,000 00	29,866 68			133 32
City Librarian, general	10,765 51	9,241 95	69 36		1,592 92
" " salaries	2,400 00	2,400 00			
Auction duties			7,184 58		7,184 58
Refunded taxes		5,872 40		$5,872 40	

Court House	5,014 00	5,033 04	33 00		13 96
City and Circuit Courts	4,639 00	4,493 83	48 00		193 17
General license	1,000 00	748 33			251 67
General expense	1,500 00	1,370 18			129 82
Public printing	2,000 00	1,328 08	175 30		847 22
Liquor License Commission	15,000 00	14,862 11	9 75		147 64
Temporary loans		3,750,000 00	5,465,000 00		1,715,000 00
Pension account, W. H. War	260 00	260 00			
Sewerage Commission	21,823 32	4,693 38			17,129 94
Cleaning streets, special	40,000 00	39,013 49			986 51
Topographical Survey	31,000 00	23,020 31	464 09		8,443 78
Electrical Commission	3,000 00	1,169 88			1,830 12
Purchase of lot for Public School No. 4	5,000 00	5,000 00			
Sprinkling Mt. Royal avenue	900 00	650 00			250 00
Assistance to Examiner of Titles	800 00	800 00			
Salaries	51,720 00	51,711 32			8 68
Coroners	7,000 00	7,000 00			
Commissioners for Opening Streets	7,400 00	7,353 30			46 70
Rent of room for Clerk Superior Court	237 50	225 00			12 50
Transportation House Correction	250 00	230 90			19 10
Maryland Institute	9,000 00	9,000 00			
Winding Maryland Institute clock	75 00	75 00			
Inspector of Gas and Oils, livery	300 00	272 75			27 25
Tax sales		4,213 48	2,515 38	1,698 10	
Special appropriations	2,856 84	2,856 84			
City Council Investigating Committee	7,563 89	5,174 26			2,389 63
Rent of fence, Fayette, Calvert and St. Paul streets			115 00		115 00
Judge-at-Large	3,500 00	2,645 16			854 84
Turnpike dividends			376 60		376 60
Veteran Volunteer Firemen's Association	1,000 00	1,000 00			
Fire-plugs at various places	1,625 00	1,625 00			
Drinking-fountains, various places	1,000 00	850 00			150 00
Manual Training School, House of Refuge	3,000 00	3,000 00			

STATEMENT A—Concluded.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Hebrew Hospital Asylum	$ 1,500 00	$1,500 00			
Fourth Regiment, I. M. N. G.	3,000 00	3,000 00			
Intestate estates			$ 132 10		$ 132 10
Sale old material, new Court House			10 00		10 00
Hose for various markets	800 00	677 81			122 19
Free baths	500 00	498 30			1 70
Conscience fund			345 00		345 00
General German Orphan Asylum	1,000 00				1,000 00
Physical training in public schools	1,500 00				1,500 00
Ringing mechanics' bells	200 00	200 00			
Purchase of ground for Male and Female Primary School No. 37	10,000 00	8,500 00			1,500 00
Repairing Washington Monument	350 00	350 00			
Purchase of lot for Male and Female Grammar School No. 13	4,500 00	4,500 00			
Removing fountain from 378 Forrest st.	50 00	50 00			
Insurance of Bay View Asylum			5 83		5 83
Friendly Inn	1,000 00	1,000 00			
Telephone conduits			4,635 80		4,635 80
Refuse			259 00		259 00
Wharfage, Sixth District		12 00	60 00		48 00
Drinking-fountain, Hollins street and Arlington avenue	75 00	75 00			
Flags at public schools	1,500 00	500 63			999 37
City seals			10 50		10 50
Insurance of Western Female High School	750 00				750 00

STATEMENT B.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Opening Northwest street	$1,756 48	$ 6,846 83	$ 5,173 50		$ 83 15
" Bruce alley	191 76	1,130 50	1,160 75		222 01
" Townsend street		656 06		$ 656 06	
" Lanvale "		128 78	1,155 86		1,027 08
" Carroll "		141 93	422 81		280 88
" Nanticoke "		142 80	751 00		608 20
" Fulton avenue		61 65		61 65	
" Madison street	6,154 54	17,643 19	11,879 29		390 64
" Cleaveland street		148 50		148 50	
" Port street		188 47		188 47	
" Collington avenue	2,613 50	9,080 00	9,537 56		3,071 06
" Bouldin alley	6,048 11	10,881 44	6,098 72		1,265 39
" Ward street	7 40	619 34	370 00	241 94	
" Windsor avenue		237 73		237 73	
" Patapsco alley	984 89	650 00	380 25		715 14
" Race street	946 60				946 60
" Burke "	231 00	332 14		101 14	
" Cooksie street	75 00				75 00
" Henry "	183 00	396 00	213 00		
" Randall "	218 33	826 33	1,218 35		610 35
" Webster "	672 13	672 13	65 33		65 33
" Clement "	816 66	816 66	337 96		337 96
" Etting "	171 34	2,533 91	2,240 00	122 57	
" Forrest "		68 15	2,331 95		2,263 80
" Cannon "		396 45		396 45	
" Luzerne "		447 53		447 53	
Widening East and Chesnut streets		1,214 90		1,214 90	
Opening Brunt street		347 38	301 83	45 55	

STATEMENT B—Concluded.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Opening Bayard street		$ 341 85		$ 341 85	
" Alluvion "		388 83		388 83	
" Rose "		548 50		548 50	
" Neighbor "		30 25		30 25	
" Dallas "		352 80	$ 193 47	159 33	
" Castle "		393 65		393 65	
" Ludlow "		225 71	159 00	66 71	
" Burrow "		113 78	266 83		$ 153 05
" Myrtle avenue		92 53		92 53	
" Ensor street		71 18	4,488 50		4,417 32
Widening Gay street		69 03	10,030 87		9,961 84
Opening Clarkson alley		450 00		450 00	
" Patterson avenue		312 35		312 35	
" Great Constitution street		143 95		143 95	
" a seventy-foot street		1,525 50		1,525 50	
" a ten-foot alley		86 05	24 00	62 05	
" Bradford street		327 27		327 27	
" Birckhead street			324 11		324 11
" Pulaski street		35 00		35 00	
" Payson street		35 00		35 00	
Closing Court House lane	$306 48	236 98			69 50
	$2,163,144 41	$5,851,058 33	$5,688,620 69	$28,197 58	$2,028,904 35

STATEMENT G.

Amount Paid for Paving Streets.

	Dr.	Cr.
Paving Riggs avenue	$ 244 47	
" Luzerne street	260 56	
" Milton avenue	260 56	
" Patterson Park avenue	10,988 96	$11,429 29
" Jefferson street	354 88	
" Gold "	2,720 21	2,388 27
" Preston "	1,406 15	13,954 05
" Wolfe "	829 58	1,121 93
" Johnson "	321 24	1,202 88
" McCulloh "	76 21	
" Federal "	9 20	
" Eastern avenue	517 81	4,882 69
" Ridgely street	648 89	42
" Brevard "	396 25	
" Lanvale "	480 44	
" Pulaski "	3,022 64	3,808 81
" Penn "	1,500 00	1,500 00
" Covington "	238 83	
" Cannon "	649 41	16,561 87
" Bush and Herkimer streets	6,865 22	8,000 00
" McElderry street	159 98	
" Hamburg "	253 26	
" Chester "	288 37	1,638 46
" Rose "	197 66	
" Chase "	237 79	582 04
" Montford avenue	259 58	
" Whitelock street	287 64	18 46
" Appleton "	283 21	212 75
" Northwest "	90	
" Oliver "	15 60	
" Bayard "	25 00	
" Clement "	25 00	
To balance, December 31, 1895	33,477 42	
	$67,301 92	$67,301 92

STATEMENT H.

Showing the Amount Expended in the Annexed Territory.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Gas	$ 18,000 00	$ 16,830 55			$ 1,169 45
Gasoline	7,000 00	6,970 99			29 01
Electric lights	1,277 50	819 70			457 80
Lamplighters' salaries	15,080 00	15,608 00		$528 00	
Fire Department	43,260 18	43,260 18			
Cleaning streets	26,085 00	25,146 83			938 17
Nuisances	2,000 00	1,909 75			90 25
Health, salaries	3,800 00	3,799 84			16
Repairs of streets, etc	8,982 00	9,421 75	$ 2 10	437 65	
Public schools	143,300 00	142,914 88			385 12
Inspector of Buildings, livery	300 00	300 00			
Extra help, Inspector of Buildings	1,240 00	1,240 00			
Repairs of city property	4,500 00	3,419 60			1,080 40
City Collector, office expenses	3,800 00	3,799 92			08
Direct tax			161,930 61		161,930 61
Interest and discount		3,400 39	4,249 59		849 20
Refunded taxes		251 13		251 13	
Fire-plugs at Carroll		250 00		250 00	
Fire-alarm box, Gorsuch avenue and Quaker lane	175 00	173 22			1 78
Fire-alarm box, York road and Twenty-second street	150 00	149 50			50
Fire-alarm box, Brady avenue and York road	175 00	175 00			
Macadamizing Park Heights avenue	5,000 00	4,950 73			49 27
Repairing Twentieth street	1,000 00	987 54			12 46

Shelling Chestnut Hill avenue	150 00	136 40			13 60
Repairing Friendship lane	500 00	494 17			5 83
" St. Ann's avenue	300 00	493 59			6 41
" Jenkins lane	1,000 00	992 45			7 55
" Montebello avenue	300 00	294 11			5 89
Special assessment, taxes in Annex		1,729 97		1,729 97	
Building Male and Female Grammar and Primary School	10,000 00				10,000 00
	$297,574 68	$290,020 19	$166,182 30	$3,196 75	$176,933 54

STATEMENT OF THE INTERNAL

	Appropriations.	Amount Expended in 1889.	Amount Expended in 1890.	Amount Expended in 1891.
Purchase of lot adjoining Eastern Female High School	$15,642 26	$15,642 26	.....	.....
Purchase of lot and bld'g Grammar School No.20.	33,000 00	8,216 07	$24,666 63	.....
Purchase of lot and building Annex School No.4.	26,000 00	5,471 75	20,517 85	.....
Building addition to Primary School No. 11....	12,000 00	11,253 76	.....	.....
Purchase of lot and bld'g Primary School No. 32.	33,000 00	11,803 15	21,000 00	.....
Purchase of lot and bld'g Primary School No. 33.	31,000 00	.....	30,953 80	.....
Purchase of lot and bld'g Primary School No. 24.	28,500 00	12,222 65	16,277 35	.....
Building Primary School No. 13.....	21,000 00	7,903 13	13,009 80	$87 07
Purchase of lot and bld'g Annex School No. 3...	25,000 00	.....	24,466 22	42 53
Purchase of lot and bld'g Primary School No. 31.	23,500 00	2,504 00	20,445 92	.....
Purchase of lot and building English-German School No. 5.....	40,000 00	15,255 08	24,389 77	.....
Building Grammar School No. 8.....	21,000 00	6,661 75	14,338 25	.....
Purchase of lot and building Colored Primary School No. 10.....	30,000 00	.....	.....	.....
Purchase of lot and bld'g Annex School No. 13..	30,000 00	.....	18,676 94	11,323 06
Purchase of lot for Colored School No. 3.....	7,357 74	.....	.....	7,357 74
Building Manual Training School.....	25,000 00	12,230 68	12,769 32	.....
Purchase of park in Southwest Baltimore	45,000 00	.....	44,500 00	500 00
Patterson Park extension.	200,000 00	14,252 46	54,593 11	70,015 09
Carroll Park, repairs.....	5,000 00	.....	.....	5,000 00
Rebuilding Light-st.bridge	160,465 00	7,375 22	94,012 34	56,431 97
Cedar-avenue bridge.....	60,000 00	682 07	59,282 84	.....
Wilkens-avenue bridge...	6,000 00	5,965 34	.....	.....
Russell-street bridge.....	5,000 00	.....	63 94	4,927 49
Monroe-street bridge.....	28,000 00	.....	171 10	28,068 24
Boston-street bridge	19,000 00	132 57	17,553 98	.....
Preston-street sewer	85,000 00	21,585 95	52,893 15	1,206 16
Mount Royal-ave. sewer..	11,000 00	10,223 74	.....	.....

IMPROVEMENT 1928 LOAN.

Amount Expended in 1892.	Amount Expended in 1893.	Amount Expended in 1894.	Amount Expended in 1895.	Receipts.	Total Expenditures.
					$15,642 26
					32,882 70
					25,989 60
					11,253 76
					32,803 15
					30,953 80
					28,500 00
					21,000 00
					24,508 75
					22,949 92
					39,644 85
					21,000 00
		$7,203 00	$20,676 58		27,879 58
					30,000 00
					7,357 74
					25,000 00
					45,000 00
$54,291 87	$6,847 47				200,000 00
					5,000 00
2,197 41					160,016 94
					59,964 91
					5,965 34
					4,991 43
					28,239 34
					17,686 55
	1,107 25				76,792 51
					10,223 74

STATEMENT OF THE INTERNAL

	Appropriations.	Amounts Expended in 1889.	Amounts Expended in 1890.	Amounts Expended in 1891.
Fulton-ave. sewer	$23,000 00	$17,063 04	$1,691 10	$41 04
Ensor-street sewer	5,000 00	4,982 98	.....	.....
Lovegrove-alley sewer	21,000 00	.....	.....	20,299 91
Wolfe-street sewer	53,700 00	5,643 68	32,016 20	3,888 52
Presbury-street sewer	33,500 00	16,680 59	3,782 71	.....
Low-street sewer	5,500 00	4,854 58	74 96	.....
Jenkins Run-sewer and extension	88,250 00	3,676 77	32,895 24	46,248 11
Eager-street sewer	53,300 00	5,958 59	35,313 86	8,467 02
Eutaw and Fremont-street sewer	175,000 00	9,418 99	67,427 95	60,289 68
Pulaski-street sewer	45,000 00	2,580 61	31,853 87	659 98
Eden-street sewer	36,500 00	.....	.....	26,087 46
Bush-street sewer	370,000 00	.....	.....	5,698 00
Carey-street relief sewer	275,000 00	.....	7,222 40	121,339 18
Patapsco-street sewer	3,000 00	2,979 65	.....	.....
Patterson Park sewer	35,000 00	33,191 19	237 66	.....
Cross-street sewer	112,000 00	.....	4,339 82	76,017 96
Dolphin-street sewer	12,000 00	.....	11,930 52	.....
Howard-street sewer	16,000 00	.....	4,108 79	11,890 01
Read-street sewer	38,600 00	.....	.....	11,751 88
McHenry-street sewer	17,700 00	.....	.....	.....
Ann and Gay-street sewer	11,000 00	.....	.....	9,766 83
Druid Hill-avenue sewer	190,000 00	.....	.....	10,691 51
By amounts transferred to Druid Hill-ave. sewer, as per Resolution No. 277 of 1894, as follows:				
From Preston-st. sewer	$ 7,000 00			
From Eager-st. sewer	1,000 00			
From Eutaw & Fremont-st. sewer	4,500 00			
From Penn-st. sewer	5,000 00			
From Pulaski-st. sewer	2,500 00			
	$20,000 00	.....	.....	.....
Fulton-ave. and Eager-st. sewer	48,950 00	.....	.....	4,427 63
Pulaski and Franklin-st. sewer	48,000 00	.....	.....	24,005 30
Inlets Wolfe-street sewer, transfer from Boston-st. bridge, as per Resolution 29 of 1891	.....	.....	.....	1,203 46

IMPROVEMENT 1928 LOAN—Continued.

Amounts Expended in 1892.	Amounts Expended in 1893.	Amounts Expended in 1894.	Amounts Expended in 1895.	Receipts.	Total Expenditures.
					$18,795 18
					4,982 98
$697 42					20,997 33
9,922 55					51,470 95
130 57	$10,026 19	$2,083 42	$162 71		32,866 19
					4,929 54
5,228 94					88,049 06
46 38					49,785 85
7,512 93	12,089 79	6,704 10	258 22		163,701 66
3,528 37	1,324 96	294 67	701 48		40,943 94
30,539 67	1,063 49				57,690 62
39,689 46	124,927 37	39,085 17	3,370 93		212,770 93
101,163 41	44,404 98	533 28			274,663 25
					2,979 65
					33,428 85
19,837 55					100,195 33
					11,930 52
					15,998 80
24,747 30	1,432 54				37,931 72
227 81	58 50				10,053 14
54,569 32	78,032 72	46,706 45			190,000 00

STATEMENT OF THE INTERNAL

	Appropriations.	Amounts Expended in 1889.	Amounts Expended in 1890.	Amounts Expended in 1891.
Penn-street sewer	$61,000 00			
Hoffman-street sewer	12,600 00			
Inlets, Fulton and Monroe sts., transfer from Fremont-st. sewer, as per Resolution No. 71 of 1894	$4,000 00			
Inlets, Franklin st. and Woodyear alley, transfer from Fremont-street sewer, as per Resolution No. 258 of 1894	$2,000			
Paving Cathedral street		$23,391 11	$38,049 13	$4,051 26
" Monument street			4,464 58	
" Dolphin street			5,051 28	
Paving streets around Hanover Market	12,000 00		225 92	10,484 66
Paving Lafayette Market	15,500 00		882 25	13,041 15
Paving streets around Southern Police Stat'n				2,354 46
Paving streets around Richmond Market				8,766 88
Paving Hollins street				11,233 87
" Camden "				4,208 29
" Sharp "				3,646 66
" Mulberry "				
" Broadway				
" Lafayette avenue				
" W. Lexington st.				
" Eutaw street				
" Pennsylvania ave.	128,000 00			
" Columbia avenue				
" Calvert street				
Paving Fayette and Lexington streets				
Paving Chase street				
Paving Arlington avenue and other streets				
Paving South street	2,600 00			
" Hanover street				
" East Baltimore st.	8,000 00			
" East Lexington st.				
Widening E. Baltimore st.	250,000 00	658 69	1,566 45	200,988 10
" Fayette street	550,000 00	681 51	100 90	4,514 15
Opening Douglas street	400,000 00		158,217 97	336,777 15
	$4,183,165 00	$301,143 61	$1,006,035 87	$1,227,799 46

IMPROVEMENT 1928 LOAN—Concluded.

Amounts Expended in 1892.	Amounts Expended in 1893.	Amounts Expended in 1894.	Amounts Expended in 1895.	Receipts.	Total Expenditures.
$16,275 89	$26,182 30	$13,272 33	$70 06	.....	$55,800 58
6,437 93	6,159 56	.....	.....	.....	12,597 49
.....	.....	3,942 19	.....	.....	3,942 19
.....	.....	1,983 35	.....	.....	1,983 35
.....	.....	.....	.....	.....	65,491 50
.....	.....	.....	.....	.....	4,464 58
604 95	.....	.....	.....	.....	5,656 23
.....	1,126 72	.....	.....	.....	11,837 30
1,576 60	.....	.....	.....	.....	15,500 00
.....	25,259 01	.....	.....	.....	2,613 47
788 00	.....	842 74	.....	.....	10,397 62
.....	1,280 60	.....	.....	.....	12,514 47
.....	468 59	.....	.....	.....	4,676 88
.....	415 40	.....	.....	.....	4,062 06
12,977 05	88 56	1,309 87	.....	.....	14,375 48
182,540 35	2,316 27	19,725 81	.....	.....	204,582 43
81,501 44	.....	9,104 94	.....	.....	90,606 38
64,781 12	21,384 12	.....	9,058 09	.....	95,223 33
86 00	29,763 58	.....	3,185 84	.....	33,035 42
69,812 76	58,092 05	.....	.....	.....	127,904 81
87,471 36	11,964 68	.....	.....	.....	99,436 04
23,961 91	9,755 59	2,370 38	.....	.....	36,087 88
3,627 26	3,475 32	.....	615 66	.....	7,718 24
10,585 34	.....	1,049 68	.....	.....	11,635 02
17,092 88	.....	1,967 18	.....	.....	19,060 06
2,500 07	.....	.....	.....	.....	2,500 07
10,658 75	63,521 47	.....	.....	.....	74,180 22
2,995 17	3,593 78	.....	.....	.....	6,588 95
14,687 40	21,096 52	.....	1,650 02	.....	37,433 94
23,504 18	26 00	.....	.....	58,523 09	168,220 33
729,293 67	148,686 18	47 30	.....	328,199 12	555,124 59
.....	.....	.....	.....	121,521 66	373,473 46
$1,785,500 98	$691,063 06	$176,314 72	$41,660 73	$508,243 87	$4,721,274 56

STATEMENT OF PUBLIC IMPROVEMENT 1940 LOAN.

	Appropriations	Amount Expended in 1893.	Amount Expended in 1894.	Amount Expended in 1895.	Receipts.	Total Expenditures.
Purchase of lot and building West'n Female High School.	$ 135,000 00	$ 30,669 66	$ 35,226 34	$ 69,104 00	.....	$ 135,000 00
Purchase of lot and building M. and F. G. School, Annex.	30,000 00	5,340 89	23,971 99	.....	.....	29,312 88
Purchase of lot and building for No. 4 School, Biddle st.	15,000 00	15,000 00	.....	.....	.....	15,000 00
Purchase of lot and building Baltimore City College.....	200,000 00	30 00	50,015 00	72,428 81	.....	122,473 81
Purchase of lot and building English-Ger. School No. 6 .	35,000 00	.....	7,545 48	27,454 52	.....	35,000 00
Building addition to Annex School No. 9.....	9,000 00	6,110 66	2,889 34	.....	.....	9,000 00
Purchase of lot for Primary School No. 4.....	9,000 00	.....	9,000 00	.....	.....	9,000 00
Topographical and Geodetic Survey	125,000 00	40,419 71	63,555 31	21,024 98	.....	125,000 00
Underground telegraph and telephone wires.....	200,000 00	529 91	13,878 90	94,618 05	.....	109,026 86
Purchase of ground and building new court house..	1,750,000 00	158,182 69	199,618 11	59,785 90	.....	417,586 70
Building Baltimore-st. bridge.	37,000 00	33,076 55	.....	.....	.....	33,076 55
" Ramsay-st. bridge..	25,000 00	27,695 50	6,227 95	.....	.....	33,923 45
Building Edmondson-avenue bridge.....	30,000 00	162 00	12,656 19	12,560 64	.....	25,378 83
Building Monroe-st. bridge ..	12,700 00	20 00	3,462 89	6,810 97	.....	10,293 86
" North-ave. bridge ..	341,000 00	104,018 50	206,238 22	40,698 57	.....	350,955 29

Building Maryland-av. bridge.	20,000 00	394 11	14,333 20		14,727 31
" Columbia-av. bridge.	27,000 00		4,380 75	16,616 90	20,997 65
Completion of North-avenue bridge and approaches	90,000 00			35,663 62	35,663 62
Mosher-street sewer	5,000 00				
Druid Hill-avenue sewer	25,000 00		1,929 53	22,765 57	24,695 10
Union-avenue sewer	12,500 00	12,284 28	201 49		12,485 77
Federal-street sewer	43,700 00	13,233 10	18,134 46		31,367 56
Monroe-street sewer	8,000 00	7,954 76			7,954 76
Patapsco-street sewer	25,400 00	17,113 85	7,401 94		24,515 79
Race-street sewer	2,000 00	1,554 70			1,554 70
Fremont-avenue sewer	113,200 00	150 00	24,038 51	34,164 37	58,352 88
West-street sewer	8,000 00	3,555 46			3,555 46
Fort avenue sewer	66,000 00		14,275 78	40,355 21	54,630 99
Bruce-alley sewer	78,700 00		22,566 41	30,996 23	53,562 64
Barclay-street sewer	4,000 00		3,736 59	182 08	3,918 67
Charles-street sewer	91,800 00	2,188 64	24,768 02	29,138 41	56,095 07
Bush-street sewer	161,000 00		158,417 25	15,745 52	174,162 77
Patapsco-st. sewer extension	52,000 00		17,770 36	22,404 89	40,175 25
Orleans-street sewer	8,000 00		3,391 44	4,496 71	7,888 15
Alluvion-street sewer	140,000 00			3,163 11	3,163 11
Brice-alley sewer	24,000 00			4,712 33	4,712 33
Presstman-street sewer	50,000 00			9,302 44	9,302 44
Chatsworth-Run sewer	1,200 00				
Paving Frederick avenue	155,000 00	75,541 05	948 20		76,489 25
" Gay street	166,000 00	731 08	93,536 63	793 41	95,061 12
" Light street	135,000 00	11,007 00	80,836 23		91,843 23
" Franklin street	42,000 00	330 73	2,369 52	1,646 69 72 00	4,274 94
" St. Paul street	150,000 00	64,841 15	48,336 11		113,177 26
" Eager street	45,000 00	24,966 18	59 18		25,025 36
" Aliceanna street	76,000 00	3,976 15	2,617 68	2,220 00	8,813 83
" Front street	50,000 00	20,155 46	472 31	2,061 25	22,689 02
" Poppleton street	52,000 00	303 75	50,906 35	700 00	51,910 10
" East Baltimore street		78,866 84	23 00	8,544 36	87,434 20

STATEMENT OF PUBLIC IMPROVEMENT 1940 LOAN—Concluded.

	Appropriations	Amount Expended in 1893.	Amount Expended in 1894.	Amount Expended in 1895.	Receipts.	Total Expenditures.
Paving East Chase street		$100,114 34	$ 395 30	$10,437 06		$110,946 70
" Maryland avenue	$ 60,000 00	28,711 01	40 50	7,857 64		36,609 15
" Charles-street avenue	60,000 00	151 05				151 05
" Boston street	105,000 00	5,720 33	88,151 68	2,752 71		96,624 72
Macadamizing West North av	6,500 00	6,433 05				6,433 05
Paving Saratoga street	62,000 00	51,910 18	20 52	6,017 70		57,948 40
" Fort avenue	100,000 00	7,465 04	46,716 21	17,912 94		72,094 19
" Read street	22,000 00	21,797 15				21,797 15
Paving Holliday, Pleasant, Hillen, etc., streets	180,000 00	5,555 06	130,067 53	3,615 98		139,238 57
Paving Lafayette avenve		29,839 36	84 00			29,923 36
" Broadway				303 31		303 31
" Calvert street	8,000 00	4,830 82		571 60		5,402 42
" Concord street	43,000 00	36,051 69	6,246 74			42,298 43
" Davis street	20,000 00	233 50	52 00			285 50
" Eastern avenue	70,000 00					
" Pratt street			153,738 78	4,747 60		158,486 38
" Pleasant street	7,500 00		2 56			2 56
Paving Park avenue, Lanvale to North avenue	31,000 00					
Paving Patterson avenue						
" Pearl street						
" Water street	15,000 00					
Straightening and paving Eutaw street	1,200 00	1,195 00	5 00			1,200 00
Paving Fayette street		10 00	33,279 34	7,492 19		40,781 53

Paving around Hanover, Lexington and Richmond Markets	41,789 95	41,766 27	5 00	657 51		42,428 78
Paving McCulloh street			24,350 81			24,350 81
Paving Park avenue, Lexington to Howard	75,000 00		3,597 08	234 58		3,831 66
Paving Clay street	15,000 00					
" Madison street			12,419 04			12,419 04
" Biddle street	2,000 00		1,943 72			1,943 72
Opening McCulloh street	79,405 37	128,731 75	12,459 90		63,533 64	77,658 01
" Whitelock street	19,150 85			40,680 66	21,296 50	19,384 16
Widening Union Dock	48,994 97	59,450 93			11,212 75	48,238 18
	$5,953,741 14	$1,290,370 89	$1,743,312 37	$793,441 02	$96,114 89	$3,731,009 39

ANNUAL REPORT

— OF THE —

CITY LIBRARIAN

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

City Library,

Baltimore, Md., December 31, 1895.

To the Honorable the Mayor and City Council of Baltimore:

Gentlemen.—I most respectfully submit the following report for the current year of the business of this department, showing in detail all transactions:

Last year I reported that Mr. Thaddeus P. Thomas, of the Woman's College, was preparing a brief monograph on the history of the government of this city under the auspices of the Johns Hopkins University, and he has lately informed me that it will be published in February next. It will trace the changes in the executive, legislative and judicial methods since the foundation of Baltimore Town, and close with a summary of the laws which regulate our city government at the present time. It will doubtless be a most important and educational publication in these respects.

In my first annual report, December 31, 1890, I set forth fully upon pages 6, 7, 8 and 9 the needs and necessities of the Library, and made recommendations that in my judgment, after a thorough overhauling of the department, I thought were necessary to correct matters and place things in a proper shape. In this same report, upon pages 9 to 15, inclusive, will be found a full reference to proposals for stationery and printing, to which I most respectfully ask your honorable attention.

In my second annual report, December 31, 1891, I said:

"Again duty demands that I ask your honorable attention to the two ordinances, copies of which are to be found upon pages 13 and 14 of the Librarian's report of December 31, 1890, prepared at the advice of the late honorable Mayor, and by the instructions of the City Counsellor and Solicitor as at present, concerning the 'proposals for stationery and printing,' together with the statement that

the adoption of either will remedy existing evils; and in this connection will further say that questions are constantly arising between the contractors and Librarian under the existing law that are anything but agreeable to either, since a natural personal interest guides the one, while the other has a public duty to perform. These conflicting interests, the outcome of the present law, create a constant friction, resulting in injury to both, and consequently I ask the enactment of one or the other of these ordinances referred to, at the same time recognizing the fact that in awarding the contract the Librarian has no responsibility except the preparation of the specifications, in which again the aforesaid law hampers him so far as the best interests of the city are concerned."

In my third annual report, December 31, 1892, I said:

"These matters are specially referred to in justice to themselves, to this department and to its employees, and in order that His Honor the Mayor and the honorable members of the Council may supply the means of carrying out the laws of instruction imposed upon the Librarian by the favor of having its needs and necessities investigated by the Joint Committee upon City Property, I ask that my recommendations be observed, or else the laws governing the department—that at present it is an impossibility to comply with—shall be modified. In other words, I want a division of responsibility.

"The archives and records are public property, and I most respectfully ask that their condition be looked into, or else that a special committee upon the Library be appointed."

Again, in my fourth annual report, December 31, 1893, on page 5, will be found the following:

"I would again respectfully suggest the appointment of a committee on the Library. It is important for many reasons, and especially as all large cities have such a committee where the expenses of their libraries are entirely provided for by the corporation. More room is badly needed, since all rooms and cases are overcrowded."

In my last and fifth annual report, upon page 4, December 31, 1894, I repeated:

"I will again reiterate former recommendations that better provision be made for the care and preservation of

the early manuscript records of our city, and that they should be properly edited and published.

"Again I feel it my duty to repeat that more room and a greater concentration of the books, papers and archives of this department is necessary to have them properly classified, filed and indexed, and besides, that more shelves, cases, racks and files are needed to properly preserve them as soon as the room can be had. All the rooms and cases at present are overcrowded."

Under these circumstances, and to be consistant, I again most respectfully and earnestly ask that the present City Council take some action in these matters.

In connection with the above, it is only proper to state that both Mayor Davidson and Mayor Latrobe recommended in their respective messages that such action be taken by the Council.

The duties of both the Librarian and his Assistant are ostensibly set forth in the City Code, yet their are continually new duties presenting themselves unanticipated by the original law and unprovided for by subsequent laws that have necessitated, prior to my connection with the department, the employment of an extra clerk, to be paid out of the Librarian's appropriation for department supplies.

When I became Librarian I found in addition to my assistant a clerk. Finding no law for his employment, I fully investigated the matter before I would pay his salary. I saw the Mayor and Comptroller and was informed that he was needed, and the latter would in future pay my warrant for his compensation, as he had done my predecessors. I very soon ascertained the necessity of this clerk, and in my first annual report to the Mayor and City Council explained the matter and respectfully asked that his position be legalized by ordinance, which was never done.

As my request was unheeded, I have each year asked the Council for an aproppriation specifically to pay this clerk, and which has invariably been made, notwithstanding no special ordinance was passed as urged. Originally I paid him only $30 per month out of the appropriation for the Library, until the Ways and Means Committee allowed him $60, and subsequently $75, instead of $750 per annum, as has been repeatedly published without a knowledge of the facts.

His duties were varied, viz.: Endorsing, indexing, filing and having charge of all the City Council's original papers, as turned over to me annually by the clerks of the same; keeping books, writing up orders to fill requisitions of the departments; attending and waiting upon the officials and public seeking information from the plats and books for street openings, and attending parties in search of information in other rooms of this department, and any other duties assigned him or unexpectedly presenting themselves. A person in his capacity is absolutely essential, in my judgment. While upon this subject, and under the circumstances—*i. e.*, since the public have been lead to the opinion that there has been extravagance in the matter of employing an unnecessary clerk, I wish to say for the vindication of this office and that of the said clerk that such is not the case, because there has been no opportunity for either reform or economy that I have not endeavored to take advantage of by its correction, and I challenge contradiction of this statement; and, to show how economically it has been managed, I respectfully insert the following statement of facts in my report that I hope will speak for themselves:

TOTAL EXPENSES FOR BOOKS, STATIONERY AND PRINTING FROM MAY, 1876, TO DECEMBER 31, 1894.

Appeal Tax Court	$ 2,715 38
Arbitration Committee	2 10
Board of Control and Review	245 10
Board of Assessors	1,470 35
Belt Commission	2 75
The Baltimore City Jail	4,991 82
Bay View Asylum	2,988 46
City Collector	35,479 96
City Comptroller	4,929 76
City Register	4,799 07
City Commissioner	4,061 30
City Library	17,610 75
Committee on Examination	14 75
Commissioners for Opening Streets	1,025 51
Commissioners for Cleaning Streets	819 33
Dog Pound	57 29
Examiner of Titles	341 54
Fire Department	10,274 66
General Superintendent of Lamps	1,566 41
Health Department	20,191 17
Harbor Board	2,239 42
Harbor Masters	806 00
Inspector of Buildings	1,507 43
Inspector of Gas and Oils	403 32
Jones' Falls Commission	75
Janitor of the Old Masonic Temple	25
Law Department	1,093 96
Liquor License Commission	275 74
Mayor's Office	3,592 08
Markets	231 56
Park Commission	531 39
Chief Engineer Water Department	3,360 00
Superintendent City Hall	196 08
Supervisors of Elections	5,928 02
Tax Commission	12 18
Water Department	18,049 91
Expenses 1876 lumped—no itemized statement on report	3,581 86
Total expenses for 18 years, exclusive of salaries of Librarian and assistant	$155,397 44

In this connection I would state that the supplies of New York city for blanks, stationery and books of record cost in the year 1892, $166,000.00, and that Boston, a city more nearly approximating ours in population, in nine months of the year 1892 cost that city $51,178.80, about one-third what it has cost this city to furnish similar departments with similar stationery for the past eighteen years.

There were five proposals for supplying the several city

departments with blank books, stationery and printed matter for the year 1896, viz.: Messrs. Guggenheimer, Weil & Co., The William J. C. Dulany Company, John Murphy & Co., James Young and The Friedenwald Company, all other bidders having withdrawn their proposals, and subsequently all the above bids were rejected with the understanding that new specifications were to be agreed upon by the Board of Award.

Upon December 31, 1894, this Library contained a total of 27,157 volumes, manuscript records, bound books and printed pamphlets. Since then there have been added 3,116 more by contribution, exchanges and otherwise, increasing the number to 30,273. Deduct 436 volumes issued per law and upon the order of the Mayor, and the balance at this date will be 29,837, an increase of 2,680. There are at present on hand 2,972 ordinances and resolutions dating from 1797 to 1893; 2,311 copies of the First and Second Branch City Council Journals for various years; over 3,000 bound messages and reports of the several departments, and about 5,000 copies of pamphlets, reports of the same occupying space that is valuable.

The Council at my request authorized the Comptroller and Librarian to dispose of such of them as were unnecessary as waste paper, but the prices obtainable were so far below their cost, something like two or three cents apiece for books that cost six or eight dollars each, that they declined to accept the responsibility. These books will bring about a half cent a pound without their covers, and one party required the covers to be removed, which expense would likely have eaten up the proceeds; hence, they were not disposed of.

During the year there have been 1,714 visitors to the Library, of whom 565 registered their names. There were besides, 3,795 business calls from the departments and public. The city officials have made 558 requisitions for supplies, the cost of which will be found charged to their respective departments in an annexed statement.

ADDITIONS TO THE LIBRARY.

The following books, documents, etc., have been received during the current year: Austin, Tex., Annual Reports, 1894; Atlanta, Ga., Annual Reports, 1894; Alleghany, Pa., Comptroller's Report, 1894-5; Boston, Mass., Manual for the General Court, 1895, Annual Report Street Department,

1894, Auditor's Report, 1894-5; Bridgeport, Conn., Municipal Register, 1894; Brooklyn, N. Y., Civil List, 1887; Buffalo, N. Y., Mayor's Annual Message, 1894; Concord, N. H., Annual Reports, 1894, Revised Ordinances, Charter and Amendments, 1894; Cleveland, Ohio, Twenty-sixth Annual Report of the Public Library, 1894, Annual Report Commission Common Schools, 1894, and the Annual Report of the City; Chicago, Ill., Nineteenth Annual Report Department Public Works; Proceedings Congress on Industrial Conciliation and Arbitration from Committee of Civic Federation, 1894; California, "The Land of Sunshine," Magazine published at Los Angeles by Messrs. F. A. Pattee & Co., 1895; Council Bluffs, Iowa, Mayor's Message and Annual Reports, 1894; Charleston, S. C., Year Book, 1894; Cincinnati, Ohio, Mayor's Message, 1895, and a Map of Precincts and Wards; Detroit, Mich., Mayor's Message, 1895, Annual Report City Comptroller, 1893–4, and Annual Reports of City for 1893; Evansville, Ind., Annual Reports, 1894–5; Florida, Book of Jacksonville by S. Paul Brown, 1895; Grand Rapids, Mich., Annual Reports, 1893–4; Indiana, Biennial Report Department of Statistics, 1893–4; Louisville, Ky., Annual Reports, 1894; Massachusetts, Eleventh Annual Report Civil Service Commissioner, 1894; Michigan, Report State Board of Health, 1892; Proceedings Sanitary Convention at Charlotte, Union City and Ann Harbor, 1894; Memphis, Tenn., Story of the Gold Conspiracy as told by Alexander Delmar in the Convention of 1895; Milwaukee, Wis., Department Reports, 1894; Newark, N. J., Annual Reports, 1893; New Haven, Conn., City Year Book, 1894; Newport, R. I., City Documents, 1895; New York City, N. Y., Annual Report Board Police Justices; Omaha, Neb., Annual Reports, 1894; Providence, R. I., City Documents (2 Vols.), 1894, and Mayor's Inaugural Address, 1895; Portland, Me., Message and Annual Reports, 1894–5; Pawtucket, R. I., Mayor's Inaugural Address, 1895; Philadelphia, Pa., Report Citizens' Permanent Relief Committee, 1893–4; the Liberty Bell to Atlanta (3 copies), 1895; Minutes of the Yearly Meeting of Friends, 1895; Pittsburg, Pa., Comptroller's Report, 1894; Portland, Ore., Message and Reports, 1894–5, also Charter and Ordinances and Laws and Ordinances, 1892; Rhode Island, Report George E. Waring, Jr., on "The Purification of Sewage by Forced Aeration, 1895; St. Louis, Mo., Comptroller's Report, 1894–5, Annual Reports Public

Library, years 1892, 1893 and 1894, States Duty Magazine, July, 1895; Scranton, Pa., Mayor's Message, 1894; Savanah, Ga., Mayor's Annual Report, 1894; St. Paul, Minn., Annual Reports, 1894; Salem, Mass., City Documents, 1894; San Francisco, Cal., Municipal Reports, 1893–4; Wilmington, Del., Mayor's Message, 1894; Wilkes-Barre, Pa., Mayor's Message, 1894.

FOREIGN REPORTS.

ARGENTINE REPUBLIC—Message of the President, 1894; Arbitration on Missions, and Literary Sketches of Argentine Writers.

CANADA—Annual Report of the City of Halifax for 1893–4; Annual Reports of the City of Montreal, 1893.

ENGLAND—Fortieth Annual Report of the Cambridge Free Library, 1894–5, and the Second Annual Report of the Leyton Public Library, 1894–5, also a number of Catalogues of London Booksellers.

FRANCE—Municipal Reports of the City of Paris for the years 1891, 1892 and 1893, also the Comptroller's Report of Receipts and Expenses for 1890 in two volumes; Report of Farewell Dinner to Mr. Whitelaw Reid in March 1892 at Paris, and from Mr. H. Le Soudier his Review of Books and Amusements.

FEDERAL PUBLICATIONS.

AGRICULTURAL DEPARTMENT—Atlas of Rainfall and Snow in the United States, in two volumes, 1891; Bulletin No. 23, Foods, nutritive value and cost; Report on Condensation of Atmospheric Moisture, 1895.

ATTORNEY GENERAL—His Annual Report for 1894.

BUREAU OF EDUCATION—History of Education in Maryland by Bernard C. Steiner, 1894; History of Education in Rhode Island, 1894; Commissioner's Annual Report (2 Vols.), 1891–2.

CONGRESSIONAL REPORTS—We are indebted to Senator Arthur P. Gorman for contributions to the Library, viz., Congressional Records, as follows:

Fiftieth Congress:

First Session—Parts 1 to 10	10	volumes.
Second " " 1 to 3	3	"

December, 5, 1887, to March 2, 1889.

Fifty-First Congress:

Special Session (December 2, 1889, to February 3, 1890)	1	volume.
Parts 2 to 11 appendix (February 3, 1890, to October 1, 1890)	10	"
Second Session—Parts 1 to 4 (Dec. 1, 1890, to March 3, 1891)	4	"

Fifty-Second Congress:

First Session—Parts 1 to 7 (December 7, 1891, to August 5, 1892)	8	volumes.
Second Session—Parts 1 to 3 (December 5, 1892, to March 3, 1893)	3	"
Special Session Senate—Parts 1 to 3	3	"
Second Session—Parts 1 to 10	10	"

Indexes:

Fiftieth Congress—Volumes 19 and 20	2	volumes.
Fifty-First " " 21 " 22	2	"
Fifty-Third " " 23, 24, 25 and 26	4	"
Total	60	volumes.

Civil Service Commission—Thirteenth Annual Report, July, 1892, to June 30, 1893, and also July 11, 1893, to June 30, 1894.

Department of Labor—Commissioner's Annual Report of Building and Loan Associations, 1893; Special Report on "Slums of Great Cities," 1894; Bulletin No. 1, 1895.

Inter-State Commerce—Commissioner's Annual Report for 1894.

Interior Department—From Mr. Charles D. Walcott, Director Geological Survey, "Geologic Atlas of the United States," ten volumes, Folios Nos. 2, 4, 6, 8, 10, 12, 13, 14, 16 and 19.

State Department—Consular Reports Nos. 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, and special Consular Report, Vol. XII, 1895, Concerning the Highways of Commerce, including the Ocean Lines, Railways, Canals and other Trade Routes of Foreign Countries.

War Department—Army Register, 1895; Annual Report Chief Engineer, in six volumes, 1894; Annual Report of the Chief of Ordinance, 1894.

STATE PUBLICATIONS.

From State Comptroller—His Annual Report for the year ending September 30, 1894.

Report Maryland Hospital for Insane, 1894; Adjutant-General's Report, 1894; State Fire Marshal's two Reports year ending June 30, 1895; from State Librarian Maryland Reports for 1892–3, 1893, 1893–4, 1894–5.

CITY PUBLICATIONS.

Appeal Tax Court—Thirteen Permit Books 1876–7, 1877–8, 1878, 1879, 1880–81, 1881–2, 1882–3, 1884, 1884–5, 1885–6, 1886–7, 1887, 1888–9; two Refund Books, 1878 to 1887, 1873 to 1878, and Summons Book, 1884 to 1888.

City Comptroller—Have received from him the following Plats and Street Books: Brice alley from Lanvale street to Lafayette avenue; Federal street from Patterson Park avenue to Canton street; St. Paul street from Lexington street to Dark lane; Union Dock from Baltimore Steam Packet Company to north of Eastern avenue; Stockholm street from Washington avenue to Wicomico street; Fulton avenue widening from Windsor Mill road to North avenue; Fayette street from Calvert to Liberty street; Bethel street from Oliver to Townsend street; Townsend street from Belair avenue to Cannon street; Chase street from Washington street to Patterson Park avenue; Federal street from Aisquith to Eden street; Chew street from Wolfe to Chester street; alley east of Davis and north of Lexington street; Sumwalt's lane from Charles street avenue to Maryland avenue, and Ward street from Bayard to Stockholm, and also following reports, viz.: Twenty-two copies Report of Commission to Investigate the Affairs of the Western Maryland Railroad Company, 1893; twenty-two copies Financial Reports Mayor and City Council, 1892, and four copies same for year 1893, and eleven of his Annual Reports from 1881 to 1894.

City Commissioner—Vouchers for the years 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889; Manuscript Ordinances and resolutions, 1886, 1887, 1888, 1890, 1891 and 1892; Work Sheets, 1882, 1883, 1884, 1885, 1886, 1888, 1889, 1891 and 1893; two Order Books, July 14, 1886, to June 24, 1889, and June 25, 1889, to November 6, 1891; nine Warrant Book Stubs, December 5, 1882, to August 14, 1883; August 14, 1883, to May

31, 1884; June 3, 1884, to February 3, 1885; February 3, 1885, to October 20, 1885; October 20, 1885, to August 20, 1886; August 20, 1886, to July 5, 1887; July 8, 1887, to June 15, 1888; June 17, 1888, to June 21, 1889, and June 25, 1889, to April 1, 1890; two copies Ordinances and Resolutions relating to this department, codified by Conway W. Sams, 1895; 348 copies of his Annual Reports, ranging in years from 1868 to 1894.

CITY COLLECTOR—Two unused Ledgers, Nos. 1 and 2, for the Annex for the year 1890.

CITY REGISTER—Have received from his department the following manuscript and printed documents:

Bank Books—Two of the Farmers and Planters' National Bank, January 13, 1871, to December 13, 1887, and January 4, 1893, to January 25, 1895; two of the Mechanics' National Bank, April 15, 1872, to December 29, 1887, and January 2, 1892, to September 19, 1893; one Merchants' National Bank, November 13, 1891, to October 31, 1893.

Check Stubs—Five Farmers and Planters', February 29, 1872, to January 2, 1875; February 7, 1872, to August 27, 1877; August 27, 1877, to October 8, 1877; July 14, 1890, to September 1, 1893; May 24, 1894, to February 19, 1895; one First National, January 27, 1868, to March 1, 1882; one Second National, July 16, 1870, to January 15, 1881; three National Mechanics', September 4, 1872, to April 20, 1877; September 4, 1883, to January 30, 1886, and July 31, 1894, to March 8, 1895; one Farmers and Merchants', November 8, 1894, to May 25, 1895; three Merchants' National, April 23, 1877, to August 31, 1883; March 1, 1881, to January 8, 1887, and May 18, 1894, to January 2, 1895.

Stock Receipts—Eight books, November 10, 1890, to May 9, 1891; May 9, 1891, to January 15, 1892; January 15, 1892, to June 7, 1892; June 8, 1892, to January 5, 1893; January 5, 1893, to July 15, 1893; July 17, 1893, to November 2, 1893; November 2, 1893, to April 10, 1894, and September 6, 1894, to March 22, 1895.

Sinking Fund—One book, Six Per Cent. Fund, due 1900; one book, January, 1868, to October 31, 1874; one book, Six Per Cent. Stock, January 1, 1856, to November, 1869, and one ledger, December 31, 1858, to December, 1869.

Certificates of Stock—Stubs, Paving Certificate, February, 1878, to December 30, 1887; Water Stock, August 18, 1893, to June 14, 1894; one Five Per Cent. Water Stock, January 29, 1894, to February 27, 1895; one book, Five Mil-

lion Loan, November 26, 1889, to December 10, 1889; one book, Six Per Cent. Park Improvement, October 20, 1881, to October 1, 1894; one book, Corporation, May 24, 1890, to June 30, 1890; one book, Three-and-one-half Per Cent. Public Improvement, January 31, 1894, to January 31, 1895; two books, Baltimore City, January 14, 1895, to July 22, 1895; June 8, 1894, to January 15, 1895.

Miscellaneous—One box, Orders of Court and Cancelled Certificates of Stock, 1890; 2 Interest Collection Books, April 1, 1884, to September 1, 1889, and January 1, 1879, to March 1, 1884; one book, Receipts from Passenger Railway Companies, March 1, 1873, to September 30, 1883; one book, Renewal of Lost Certificates; one book of Foreign Passengers arriving in Baltimore during and inclusive the years 1833 to 1875; also one book, ditto, 1875; one book, Note Stubs, April 10, 1876, to October 15, 1891; one book of Paving Note Stubs, November 18, 1874, to October 18, 1880; one book, Account of Rents, January 20, 1861, to December 23, 1870; one Ground Rent Book, April 1, 1877, to February 14, 1878; one Interest Loan Book, December 1, 1867, to November 14, 1889; one Ledger, Commissioner of Finance, February 1, 1828, to December 31, 1855; two books, Tax Levy, 1873 to 1882, and 1874 to 1883; one Cash Book, January 1, 1856, to December 31, 1869; three First Branch City Council Journals, 1872–3, 1887–8 and 1889–90; one Report Tax Commissioner, 1885; eighteen packages of Transcript Certificates, various years, and 207 Register's Annual Reports, 1875 to 1893.

Unused Books—Fourteen Blank $800,000 Certificates; thirty-two City Hall Six Per Cent. Stock, 1900; thirty-eight Jones' Falls Two Million Five Hundred Thousand Loan; one Check Book, Farmers and Mechanics' Bank; seven Paving Certificate Books; seven Paving Note Books; one book, Six Per Cent. Water Stock; eight books, Five Per Cent. Water Stock; one book, Park Improvement Stock; two books, Defence Loan of 1893.

Fire Department—One General Expense Ledger, January 1, 1883; one ledger, Company's Expenses, January 1, 1883, to December 31, 1890; one General Expense Ledger, January 1, 1888, to December 31, 1890; one ditto, January 1, 1891, to September 30, 1893; one Record of Fires, January 1, 1887, to December 31, 1890, and three packages of Vouchers and Pay Rolls for 1893; also five Annual Reports for the years 1879, 1880, 1881, 1884 and 1887.

General Superintendent of Lamps — Three Warrant Books from February 3, 1879, to December 31, 1894; twelve books, Inspection of Meters from June, 1861, to September 28, 1893; two Receipt Books, May 12, 1879, to March 6, 1891, one Cash Book, 1890; one Ledger, 1890; one Journal, January, 1879, to December 31, 1888; one Permit Book, February 20, 1887, to March 20, 1895; ten books, Daily Repairs and Orders for same; two books, Location Electric Lamps; three books, Location of Gasoline Lamps; three books, Location of Gas Lamps; one Letter Book; three books, Meter Statements; one book of Ordinances and Resolutions, and four Letter-files, containing Correspondence from January 1, 1890, to December 31, 1893, and his Reports, 1883 and 1884.

Mayor's Office—The following documents have been received from His Honor Mayor Latrobe: Defendant's Brief in Case of "The Postal Telegraph Cable Company" *vs.* the Mayor and City Council of Baltimore; Defendant's Brief in Case of Isaac S. Filbert *vs.* Mayor and City Council of Baltimore; Annual Reports of the City of Nashville, Tenn., 1893; Report of the Board of Trade, 1894; The Strike at Pullman, Illinois; Hebrew Benevolent Society in 1894; Johns Hopkins University Report, 1894; Annual Report of the City of Chattanooga, Tenn., 1894; "Facts About the South" by R. H. Edmonds; Message of Mayor Tiepake, of Pawtucket, R. I., Concerning Public Schools, and also his Inaugural Address, 1894; two copies Annual Report Maryland Institute, 1894–5; Announcement of the University of Wisconsin, 1893–4; Reports from Abroad by the Hon. John Hitz, Concerning the Deaf, 1894; Remarks of Alexander D. Anderson on the Nicarauga Ship Canal, 1894; Department Reports of the City of Milwaukee, 1893; five Mayor's Messages, 1894, 1895; three Reports of the Street Paving Commission, 1894; two Reports of the Polytechnic Institute, 1894; Report Hebrew Hospital, 1894; Report of St. Mary's Industrial School, 1894; four copies List of Corporation Officers, 1894; Annual Reports City of Jacksonville, Fla., 1893; Report of the City Register, 1893; three copies Report of the City Commissioner, 1893; Annual Reports Baltimore and Ohio Railroad Company, 1894; five copies Report New Court House Dedication at Pittsburg, Pa., 1888; Report of Sheppard Asylum, 1894; Centennial Baltimore Equitable Society, 1894; Report City Comptroller, 1894; two copies Reports Public Schools, 1893; Industrial Statistic Reports, 1892, 1893, 1894; Election in Maryland, 1894; three copies Reports House of

Refuge, 1894; Report Boys' Home Society, 1893; Baltimore Harbor Law, 1894; Catalogue McDonogh School, 1893–4; Report Canton Company, 1894; Report Electrical Subway Commission, 1894; Laws of Maryland, 1890, Annual Report Commissioners of the District of Columbia, 1894; six copies of the Ordinances and Resolutions for the years 1884–5, 1885–6, 1886–7, 1887–8, 1889–90, 1890-91; five Letter Books, as follows: January 11, 1887, to April, 1890; May 15, 1890, to August, 1890; August 11, 1890, to October 31, 1890; October 31, 1890, to January 21, 1891, and January 29, 1891, to April 6, 1891; two Oath Books, March 1, 1889, to December 3. 1889, and February 27, 1890, to June 14, 1892; one Daily Journal, November 1, 1881, to November 2, 1895.

Public Park Commission—Following reports from the various departments: Bay View Asylum, six for the years 1879, 1880, 1881, 1882, 1883; Baltimore Orphan Asylum, 1881; City Collector, three for the years 1881, 1882, 1883; Corporation Officers, four for years 1880, 1882, 1883; Governor's Message, 1884; Harbor Board, three for the years 1878, 1881, 1883; Health Department, five for the years 1875, 1880, 1881, 1882, 1883; House of Refuge, two for the years 1880, 1883; Inspector of Buildings, five for the years 1881, 1882, 1883, 1884, 1885; Jones' Falls Commission, 1882; Fire Marshal, 1883; Mayor's Messages, four for the years 1877, 1881, 1882, 1883; Penitentiary, 1881; Police Commissioners, for the years 1880–1; Park Commission, 152 copies, 70 of 1892, and 82 of 1894; Commissioner Street Cleaning, three for the years 1882, 1883, 1884; History Baltimore Post Office for the years 1875 to 1882; School Reports, three for the years 1880, 1881, 1883; Address Hon. S. T. Wallis at McDonogh Institute 1882, and Proceedings of the Opening of the Somerset and Cambria Railroad in 1881.

Water Department—Two Abatement Journals, 1882-1889, 1889–1891; 7 Clerks of Error Journals, May, 1887, to December, 1894, 1882, 1884, 1886, 1889, 1891, 1893; four Monthly Report Books; three Cashier's Cash Books, 1880–84, 1892 and 1893; three Turn-Off Book Stubs; three City Directories, 1878, 1884 and 1891; four bundles Miscellaneous Reports; twenty-three bundles Water Checks, November, 1893, to October, 1895; forty-eight copies of Ordinances and Resolutions concerning this department, codified by Mr. Conway W. Sams; three Annual Reports of the Philadelphia Water Board for the years 1890, 1891 and 1893; eighty-four

Miscellaneous Pamphlets, and 862 Annual Reports of the Water Registrar for the years 1872, 1873, 1874, 1876, 1878, 1882, 1883, 1884, 1886, 1887, 1888, 1889, 1890, 1893 and 1894.

MISCELLANEOUS.

From the Baltimore and Ohio Railroad Company: Sixth Annual Report of the Relief Department, 1894.

From St. Mary's Industrial School for Boys: Annual Report for 1894.

From the Johns Hopkins University: Its Monthly Circulars, 1894; Register for 1894–95, and also nine volumes of Monthly Circulars from 1879 to 1892–93, bound.

From the Enoch Pratt Library: Ninth Annual Report of its Librarian; Finding List, 1895, and Bulletin.

From the Baltimore Board of Trade: Two copies of its Annual Reports for 1894, and two for 1895.

From Mr. R. D. Fisher: A number of old papers relating to the various departments of the city, formerly the property of Mr. James I. Fisher.

From Mr. William M. Gottsberger, New York: A copy of "A Tour Around the World," by George E. Raum.

From Mr. George H. Daniels, General Passenger Agent: A copy of the New York Central and Hudson River Railroad Company's book, titled "New York Central's Health and Pleasure Resorts."

From Mr. Henry C. Blum, East Canterbury, N. H.: "The Monthly Manifesto."

From the Maryland Institute: Two copies of its Annual Reports, 1895–6.

From the Corn and Flour Exchange: Their Fortieth Annual Report, 1894.

From the Canton Company: Annual Report, 1895.

From Colonel J. W. Minifie: Several Ordinances and Resolutions left in his possession as Chairman of the Committee on Highways.

From General Felix Agnus: A copy of his Oration delivered at Arlington, Va., May 30, 1895.

From Southern Homeopathic Medical College and Hospital: Annual Announcement, 1894–5.

From Mr. William J. C. Dulany, City Printer: Two hundred and eighty copies of the Mayor's Message and Reports bound in sheep and 120 copies in Morocco for the year 1894, these books being bound in two volumes, instead of

one, on account of the enormous quantity of matter; 150 copies of the First and 150 copies of the Second Branch Journals of the City Council for 1894–5, and 200 copies of the Ordinances and Resolutions, 1894–5.

From University of Pennsylvania: Their Catalogue for 1894–5.

From Col. Henry T. Douglas: Fifteen Maps and Index of the Topographical Survey of the Belt.

From Mr. Thomas W. Brundige: Copy "A Historical Sketch of the Charles Street M. E. Church," by J. Thomas Smith, and also the Twenty-seventh and Twenty-eighth Annual Repors of the Female House of Refuge.

BOOKS PURCHASED.

City Directory, 1895; Daily Record, Volumes 13 and 14; Lucas' Picture of Baltimore, 1832; Reiley's Ancient City (Annapolis), 1849 to 1887; Davis' The Day Star of American Freedom, 1855; Judicial Murder of Mary E. Surratt; Hanson's "Old Kent," the Eastern Shore of Maryland, 1876, and McMahon's History of Maryland,

BOOKS BOUND.

City Comptroller's Reports, two copies 1890 to 1894, inclusive; Contract, 1895; City Commissioner's Reports, two copies 1890 to 1894, inclusive; City Register's Reports, two copies 1890 to 1894, inclusive; Fire Department's Reports, two copies 1890 to 1894, inclusive; Health Department Reports, two copies 1890 to 1894, inclusive; Industrial Statistics, Nos. 1, 2, 3, and Reports 1892 and 1893; two sets Registration Lists, 1894, and Street Books, Nos. 128, 129, 130 and 131.

BOOKS CONTRIBUTED OR EXCHANGED.

Copies of the Mayor's Message and Annual Reports for 1894 have been sent to the following cities and institutions: Alleghany, Pa.; Atlanta, Ga.; Austin, Tex.; Buffalo, N. Y.; Boston, Mass.; Bridgeport, Conn.; Charleston, S. C.; Cincinnati, Ohio; Chicago, Ill.; Concord, N. H.; Detroit, Mich.; Commissioners District of Columbia; Evansville, Ind.; Grand Rapids, Mich.; Hartford, Conn.; Louisville, Ky,; Milwaukee, Wis.; Mobile, Ala.; Montreal, Can.; State Board of Health, Lansing, Mich,; New York, N. Y.; New Haven, Conn.;

Newport, R. I.; Newark, N. J.; Omaha, Neb,; Providence, R. I.; Portland, Ore,; Portland, Me.; Philadelphia, Pa.; Pittsburg, Pa.; Richmond, Va.; State Library, Annapolis, Md.; San Francisco, Cal.; Salem, Mass.; St. Louis, Mo.; Hon. A. R. Spofford, Librarian of Congress; Smithsonian Institute; Wilmington, Del.; Johns Hopkins University; Peabody Institute, and the Enoch Pratt Free Library.

The following books have been given out upon the order of His Honor the Mayor, viz.: Mayor's Messages and Reports, 1885, one copy; 1886, one copy; 1887, one copy; 1888, one copy; 1889, one copy; 1890, one copy; 1891, one copy; 1892, one copy; 1893, nine copies; 1894, eight copies; Ordinances and Resolutions, 1881–2, one copy; 1882–3, one copy; 1883–4, one copy; 1890–1, three copies; 1891–2, two copies; 1892–3, two copies; 1894, thirteen copies; 1894–5, five copies; Journals First Branch City Council, 1876, one copy; 1880, one copy; 1891–2, three copies; 1893–4, eight copies; 1894–5, four copies; Second Branch Journals City Council, 1876, one copy; 1880, one copy; 1891–2, two copies; 1893–4, eight copies, and 1894–5, one copy; Baltimore City Code, 1879, six copies; Supplement, 1885, one copy; Baltimore City Code, 1893, fifteen copies; one copy History of the City Hall; one hundred and forty-five copies Mayor's Messages and Reports to the Enoch Pratt Free Library from 1869 to 1893, inclusive, for it and its several branches; Public Local Laws, 1890, three copies, and the following Census Bulletins, viz.: "Moqui Pueblo Indians," "The Five Civilized Tribes," and "The Six Nations of New York."

To the Council and heads of departments, sixty-nine copies of Ordinances and Resolutions for the year 1894–5; to the same, one hundred and four copies of the Mayor's Messages and Reports, 1894; also, ninety-seven copies Journals of the First and Second Branch City Council.

CITY CODES.

Issued upon orders of the Mayor	18
Number of copies sold	15
Balance on hand	627
Total	660

Three Codes were issued December 17th instant by authority of this resolution:

Resolved by both Branches of the City Council, "That

the City Librarian be and is hereby authorized and directed to procure and deliver to each member of the City Council a copy of the last City Code; and expense for same to be taken out of the appropriation for the City Council Diary for the year 1896."

The gentlemen receiving same were: Messrs. Percy C. Hennighausen, J. L. Stone and Thomas L. Parks.

STATEMENTS.

THE FOLLOWING WARRANTS HAVE BEEN DRAWN DURING THE YEAR 1895, AGAINST THE APPROPRIATIONS FOR THE CITY LIBRARY AND SALARIES.

Date.	Warrants.	To Whom Paid.	Amounts.	Remarks.
1895.				
Jan. 10.	1255	Meals during Council Ses.	$ 4 00	Messrs. Ely and Towson.
" 21.	1256	Wm. J. C. Dulany Co...	46 00	Librarian's Report.
" 31.	1257	E. B. Towson.....	75 00	Salary for January.
Feb. 2.	1258	Wm. J. C. Dulany Co...	522 14	Contractors.
" 28.	1259	E. B. Towson.....	75 00	Salary for February.
Mar. 4.	1260	Wm. J. C. Dulany Co...	724 36	Contractors.
" 22.	1261	Daily Record Co.....	3 00	Daily Record. 13 Vols.
" 29.	1262	R. L. Polk & Co.....	6 00	City Directory, 1895.
" 29.	1263	Morning Herald.....	79	3 Months' Subscription.
" 30.	1264	Salaries	275 00	Librarian, Ass't and Cl'k.
" 30.	1265	Wm. J. C. Dulany Co...	825 68	Contractors.
" 30.	1266	Daily American.....	1 62	3 Months' Subscription.
" 30.	1267	Mrs. T. Walsh.....	4 50	Washing Towels.
Apr. 16.	1268	Ches. and Poto. Tel. Co.	33 00	To October 12, 1895.
" 29.	1269	Wm. J. C. Dulany Co...	133 08	Contractors.
" 30.	1270	Salaries	275 00	Librarian, Ass't and Cl'k.
May 31.	1271	"	275 00	" " " "
June 3.	1272	Wm. J. C. Dulany Co...	1,448 03	Contractors.
" 13.	1273	Meals during Council...	24 00	Messrs. Ely and Towson.
" 29.	1274	Salaries	275 00	Librarian, Ass't and Cl'k.
" 29.	1275	Mrs. T. Walsh.....	4 50	Washing Towels.
" 29.	1276	Daily American.....	1 62	3 Months' Subscription.
" 29.	1277	Morning Herald.....	79	3 " "
July 3.	1278	Wm. J. C. Dulany Co...	535 70	Contractors.
" 3.	1279	Chas. C. Scaffell.....	5 00	Lucas' Picture of Balto.
" 13.	1280	" "	1 00	Davis' Day Star.
" 18.	1281	Daily Record Co.....	3 00	14th Vol. Daily Record.
" 31.	1282	Salaries	275 00	Librarian, Ass't and Cl'k.
" 31.	1283	Wm. J. C. Dulany Co...	427 74	Contractors.
Aug. 5.	1284	John Murphy & Co ...	1 25	Murder Mary E. Surratt.
" 6.	1285	Postage Stamps.....	3 00	
" 28	1286	Chas. C. Scaffell.....	4 00	Reiley's History and Old Kent.
" 31.	1287	Salaries	275 00	Librarian, Ass't and Cl'k.
Sept. 3.	1288	Wm. J. C. Dulany Co...	1,242 72	Contractors.
" 19.	1289	Chas. C. Scaffell.....	2 50	McMahon's Hist. of Md.
" 30.	1290	Salaries	275 00	Librarian, Ass't and Cl'k.
Oct. 1.	1291	Mrs. T. Walsh.....	4 50	Washing Towels.
" 1.	1292	Daily American.....	1 62	3 Months' Subscription.
		Amount carried forward	$8,107 14	

			Amount brought forward	$8,107	14	
Oct.	1.	1293	Morning Herald.....		79	3 Months' Subscription.
"	1.	1294	Wm. J. C. Dulany Co...	137	88	Contractors.
"	11.	1295	U. S. Express Co.....		25	Book from State Library.
"	18.	1296	Ches. and Poto. Tel. Co.	33	00	To April 12, 1896.
"	30.	1297	U. S. Express Co.....	1	35	Return Charges.
"	30.	1298	Meals during Council...	4	00	Messrs. Ely and Towson.
"	31.	1299	Salaries	275	00	Librarian, Ass't and Cl'k.
"	31.	1300	Wm. J. C. Dulany Co...	326	57	Contractors.
Nov.	21.	1301	U. S. Express Co.....	19	46	Freight on 40 Exchanges.
"	30.	1302	Salaries	275	00	Librarian, Ass't and Cl'k.
Dec.	5.	1303	A. S. Abell Co.....	12	75	Adv't'ng Proposals, 1896.
"	5.	1304	Herald Publishing Co..	12	85	" " "
"	5.	1305	Chas. C. Fulton & Co...	11	40	" " "
"	5.	1306	Edw. Raine.....	11	60	" " "
"	5.	1307	Daily Record Co.....	4	00	" " "
"	12.	1308	Wm. J. C. Dulany Co...	347	90	Contractors.
"	19.	1309	The World.....	10	95	Adv't'ng Proposals, 1896.
"	19.	1310	Evening News Pub. Co.	9	35	" " "
"	23.	1311	Wm. J. C. Dulany Co...	356	28	Contractors.
"	24.	1312	Meals during Council...	3	00	Messrs. Ely and Towson.
"	26.	1313	Daily American.....	1	62	3 Months' Subscription.
"	27.	1314	Daily Herald.....		79	3 " "
"	27.	1315	Mrs. T. Walsh.....	4	50	Washing Towels.
"	30.	1316	E. B. Towson.....	75	00	Salary for December.
"	30.	1317	Wm. J. C. Dulany Co...	1,016	54	Contractors.
				$11,041	97	

COST OF BOOKS, STATIONERY, PRINTING, ETC., 1895.

In compliance with the 33d Section of Article 1 of the City Code, I beg to report that the books, stationery, printing, etc., for the several departments of the City Government during the year 1895 have cost:

		1894.	1895.
Appeal Tax Court		$ 145 33	$ 179 72
Baltimore City Jail		148 42	208 32
Bay View Asylum		181 46	264 82
Board of Assessors		80 24	22 98
City Collector		2,105 01	2,771 79
" Comptroller		316 75	516 55
" Commissioner		546 77	722 43
" Register		317 03	344 77
Commissioners for Opening Streets		38 63	87 30
Commissioners of Street Cleaning		72 66	88 74
Clerk Centre Market		1 50	
" Belair "		44	2 60
" Hanover "		1 20	2 03
" Hollins "		1 62	5 38
" Lexington "		3 00	3 00
" Richmond "		99	2 46
Dog Pound		47	
Examiner of Titles		19 99	31 73
Fire Department		379 87	920 59
General Superintendent of Lamps		70 37	127 13
Health Department		756 62	1,130 42
Harbor Board		61 23	81 42
Harbor Masters, No. 1		11 94	2 04
" " " 2		11 25	6 74
" " " 3		11 65	5 54
" " " 4		13 41	12 87
" " " 5		5 32	8 26
Inspector of Buildings		100 59	101 32
" " Gas and Oils		8 47	19 37
Law Department		25 49	36 27
Mayor's Office		202 97	335 36
Superintendent City Hall		8 67	5 57
Library		1,391 21	
" 9 months' salary Librarian	$1,125 00		
" 9 " " assistant.	675 00		
" 12 " " clerk	900 00		
" 9 books purchased	25 75		
" 28 books bound	31 35		
" Annual Reports 1894	46 00		
" Express charges	21 56		
" Postage	3 55		
" Washing towels	18 00		
" Newspaper subscriptions.	9 64		
" Advertising proposals	72 90		
" Specifications 1896	25 20		
Amounts carried forward	$2,953 95	$7,040 57	$8,047 52

Amounts brought forward..	$2,953 95	$7,040 57	$8,047 52
Library—70 meals during Council sessions	35 00		
" 1,673 memorandum pads	25 09		
" Stationery and books	30 22		
" 1 index Council papers	3 65		
" Telephone hire	66 00		
			3,113 91
Total expenses		$7,040 57	$11,161 43
Out of stock		86 29	119 46
Cash paid by warrants		$6,954 28	$11,041 97
Covered back into Treasury		366 72	2,123 54
Appropriation for Library		$7,321 00	
" " "	$10,765 51		
" " Salaries	2,400 00		$13,165 51

The following departments, while ordering their supplies through the Library, settled for it by their respective warrants upon the Comptroller, viz.:

Chief Engineer Water Department	$ 671 69	$ 392 51
Park Commission	101 78	108 36
Water Department	1,169 37	1,410 84
Total	$1,942 84	$1,911 71

CASH RECEIPTS FOR THE YEAR.

6 Ordinances and Resolutions sold	$ 9 00
15 City Codes of 1893 sold	60 00
1 Public Local Law 1890 sold	36
Total	$69 36

Respectfully submitted:

GEORGE C. WEDDERBURN,

City Librarian.

ANNUAL REPORT

—OF THE—

HARBOR BOARD

—TO THE—

MAYOR AND CITY COUNCIL OF BALTIMORE,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31st, 1895.

HARBOR BOARD OF BALTIMORE,

JANUARY, 1896.

ALCAEUS HOOPER, MAYOR,

President ex-officio.

JAMES S. WOODSIDE, *Secretary of Board.* } *Executive Committee.*

EDWARD J. CODD. } *Executive Committee.*

HENRY WILLIAMS. } *Executive Committee.*

FIELDER C. SLINGLUFF.

MARTIN WAGNER.

J. VERNON CAMPBELL.

N. H. HUTTON, *Engineer.*

J. H. IRVIN, JR., *Clerk.*

REPORT.

OFFICE OF THE HARBOR BOARD OF BALTIMORE,

BALTIMORE, January, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—The undersigned committee, by instruction of the Harbor Board, have the honor to submit the following report of operations during the calendar year 1895:

Appropriations for the several duties of the Board were as follows:

For harbor, docks and channels	$35,000 00
" dredging Bush-street dock	8,000 00
" dredging Jones' Falls	10,000 00
" operation and repair of ice-boats	25,000 00
" repair of public wharves and general inspection of all wharves	2,000 00
" removal of ashes from tow-boats	1,500 00
Or a total of	$81,500 00

MAINTENANCE AND IMPROVEMENT OF HARBOR, DOCKS AND CHANNELS.

BACK BASIN AND DOCKS.

In order to avoid the removal during warm weather of the street and sewer deposits from the Back Basin, Docks, etc., in the heart of the city, the Board was authorized in March to contract for the necessary work in this direction.

Proposals were opened on April 4 and the contract awarded to the lowest bidder, Messrs. Sanford & Brooks, at eleven and nine-tenths ($11\frac{9}{10}$) cents per cubic yard excavated, removed and redeposited as per specifications.

Work was commenced under this contract on April 8, and concluded on July 27.

There was removed 90,917 cubic yards at a cost (paid contractors) of $10,819.11.

Under this contract deposits above the natural (generally hard) bottom were removed from head of Basin between Light street and South street, including docks on Light street and from fifteen other docks or sewer mouths, the depths of excavation being from 12 feet at low water to 19 feet, depending on the normal or original depths in the several localities. The City Dock or Back Basin was redredged where necessary, including slips at eastern end to not less than 15 feet at low water. Channels through drawbridge were also dredged to 17 feet depth.

The general appropriation bill having determined the total amount available for all dredging for the year, proposals were opened June 7 for work in main harbor, Middle Branch and Jones' Falls.

The contract was awarded to the lowest bidder, the Baltimore Dredging Company, at following prices:

Main harbor, 11¾ cents per cubic yard; Middle Branch, 12½ cents per cubic yard; Jones' Falls, 35 cents per cubic yard.

HARBOR AND CHANNELS.

Dredging in main harbor was confined to the removal of deposits opposite the mouth of Jones' Falls; in Canton Hollow, and adjacent to the mouth of Harris' Creek sewer. There was removed in this section 67,488 cubic yards.

MIDDLE BRANCH.

Deposits were removed to 12 feet depth adjacent to Eutaw and Howard street sewers, and Chatsworth Run; the main channel between Bayard street and Moale's Point was redredged to 18 feet depth for a width of 45 feet; Bush-street dock was dredged to 12 feet depth for a width of 80 feet, and the junctions of lateral and main channels were redredged to afford safe passage in either direction.

There was excavated in this section 55,171 cubic yards.

JONES' FALLS.

Proposals were opened for this work on June 7, and the only bid received was from the Baltimore Dredging Company at 35 cents per cubic yard, which was accepted.

The appropriation of $10,000 for this work permitted only the dredging of one twenty-four feet wide cut from Eastern avenue to Pratt street, and two of twenty-four feet each

from that point to Fayette street, with depths from ten and one-half to thirteen feet (the latter only between Baltimore and Fayette streets). A heavy rain storm in September filled up almost entirely the portions just dredged, leaving the stream in about the same condition as before work of the season was commenced.

Attention is called again to the Engineer's recommendations concerning the removal of deposits from this stream, as well as to the suggestions of 1894 for the covering of said stream.

TOTAL DREDGING.

The whole area covered by dredging in the harbor, channels, Back Basin, docks and Middle Branch was 2,594,685 square feet; the material removed, 213,576 cubic yards, and average depth of dredging, 2 feet 2½ inches. The area covered in Jones' Falls was 85,920 square feet; material removed, 22,776 cubic yards; average depth of dredging, 7 feet 2 inches. The total expenditure under these heads was $48,697.90.

REPAIRS TO WHARVES.

Repairs to public wharves were small in cost and importance, the failure and necessary rebuilding of the old bulkhead on the east side of Long Dock being the largest as to cost.

Expenditures, including cost of general supervision of all wharves, public and private, were $1,948.98.

REMOVAL OF ASHES FROM TOW-BOATS.

There was received from tow-boats and steamers on the scow provided for this purpose 49,825 bushels of ashes, which were largely disposed of to persons along the Patapsco and its tributaries, who paid cost of towing and unloading.

Expenditures were $1,157.83.

ICE-BOATS.

The ice-boats *Annapolis* and *Latrobe* were engaged during February in the relief of commerce from obstruction by ice, which, coming late in the season, was for about four weeks quite troublesome, though no obstruction or delay to commerce of any kind occurred. New boiler-tubes were re-

quired and placed in the *Latrobe*, and quite extensive repairs were made to the wheels of the *Annapolis*.

The *Latrobe*, in addition to its duties as an ice-breaker, is required by law to serve the Free Summer Excursion Society in the conveyance of its beneficiaries and members to and from Chesterwood (on Bear Creek). During 1895 twelve trips were made and about 15,000 persons transported. This service costs the city about $1,200 per annum.

The total expenditures for ice-boats were $24,999.44.

Attention is again called to the fact that these vessels are not insured against fire, and that, under the recent rulings of the underwriters, the Board does not feel justified in insuring the property without special authority of the Mayor and City Council.

REQUIREMENTS FOR 1896.

In order to carry out the several duties with which the Board is charged, the following amounts will be required for 1896:

For Harbor Maintenance, etc	$35,000 00
" dredging Jones' Falls	15,000 00
" repair and operation of Ice-boats	25,000 00
" repair of Public Wharves	2,000 00
" new Bulkhead in City Dock	6,000 00
" removal of Ashes from Tow-boats	1,200 00
Making a total of	$84,200 00

Respectfully submitted,

HENRY WILLIAMS,
JAMES S. WOODSIDE,
E. J. CODD,
} *Executive Committee.*

Approved by the Board:

JAMES S. WOODSIDE, *Secretary.*

TABLES.

HARBOR.

Location of Dredging.	Approximate Area Dredged.	Depth of Water Obtained.	Total Excavation.
Year 1895.	Square Feet.	Feet.	Cubic Yards.
Jones' Falls	85,920	10 to 13	22,776
Back Basin	263,070	14 to 20	15,727
Docks	349,840	12 to 19	25,715
Head of Basin	1,012,000	19	49,475
Harbor and Channels	544,375	15 to 22	67,488
Middle Branch	425,400	12 to 18	55,171

Summary of All Dredging (Except Jones' Falls).

Year.	Approximate Area Dredged.	Average Depth of Cutting.		Total Excavation.
	Square Feet.	Feet.	Inches.	Cubic Yards.
1895	2,594,685	2	$2\frac{1}{2}$	213,576
1876 to 1894	41,546,191	5	3	7,604,515
1876 to 1895 inclusive	44,140,876	4	9	7,818,091

HARBOR.

Year Ended December 31, 1895.		Dr.	Cr.
Appropriation:			
Ordinance 64, May 10, 1895			$35,000 00
Expenditures:			
Sanford & Brooks, 90,917 cubic yards, at $11\frac{9}{10}$c.		$10,819 11	
Baltimore Dredging Company, 27,958 cubic yards, at $12\frac{1}{2}$c.; 67,488 cubic yards at $11\frac{3}{4}$c.		11,424 57	
Advertising		59 04	
General administration		4,536 40	
Supervision of dredging		1,927 98	
Surveys		636 63	
Tug *Baltimore*		5,517 08	
*Crew	$3,991 08		
Fuel	618 90		
Repairs	715 43		
Subsistence	28 08		
Supplies	163 59		
Unexpended balance		79 19	
		$35,000 00	$35,000 00

*See Jones' Falls and Bush-street Dock.

DREDGING JONES' FALLS.

Year Ended December 31, 1895.	Dr.	Cr.
Appropriation:		
Ordinance 64, May 10, 1895		$10,000 00
Expenditures:		
Baltimore Dredging Company, 22,776 cubic yards, at 35c	$7,971 60	
Advertising	15 33	
General administration	833 32	
Tug *Baltimore* (crew)	794 00	
Supervision of dredging	365 75	
Survey	20 00	
	$10,000 00	$10,000 00

DREDGING BUSH-STREET DOCK.

Year Ended December 31, 1895.	Dr.	Cr.
Appropriation:		
Resolution 232, August 22, 1895		$8,000 00
Expenditures:		
Baltimore Dredging Company, 27,213 cubic yards, at 12½c	$3,401 62	
Supervision of dredging	158 81	
Tug *Baltimore* (crew)	100 00	
General administration	116 66	
Unexpended balance	4,222 91	
	$8,000 00	$8,000 00

ICE-BOATS.

Year Ended December 31, 1895.			Dr.	Cr.
Appropriation:				
Ordinance 64, May 10, 1895				$25,000 00
Expenditures:				
	Annapolis.	*F. C. Latrobe.*		
Advertising	$ 3 20	$ 3 20		
Crew	6,288 50	7,148 38		
Fuel	1,601 55	1,329 15		
Repairs	3,755 54	1,976 50		
Steamboat supplies	746 00	861 70		
Subsistence	477 26	558 46		
Wharfage	250 00	.....		
	$13,122 05	$11,877 39	$24,999 44	
Unexpended balance			56	
			$25,000 00	$25,000 00

REPAIRS TO WHARVES.

Year Ended December 31, 1895.		Dr.	Cr.
Appropriation:			
Ordinance 64, May 10, 1895			$2,000 00
Expenditures:			
Repairs to wharves		$1,063 98	
Foot Broadway	$ 2 78		
Quarantine wharf	28 84		
Foot Will street	68 04		
Foot West Falls avenue	22 90		
Foot Hughes street	16 49		
Foot Calvert street	8 14		
South street and Bowly's Wharf	186 47		
Centre pier City Dock	57 88		
Bulk. in Long Dock	672 44		
General supervision of wharves		885 00	
Unexpended balance		51 02	
		$2,000 00	$2,000 00

REMOVAL OF ASHES FROM TOW-BOATS.

Year Ended December 31, 1895.	Dr.	Cr.
Appropriation:		
Ordinance 64, May 10, 1895		$1,500 00
*Expenditures:		
Unloading ash-scow	$162 62	
Supplies	12 89	
Fuel	5 00	
Repairs	177 40	
Supervision of scow and dump	799 92	
Unexpended balance	342 17	
	$1,500 00	$1,500 00

*Note.—49,825 bushels removed from 69 boats.

Respectfully submitted,

J. H. IRVIN, Jr., *Clerk.*

Approved:

N. H. HUTTON, *Engineer.*

ENGINEER'S REPORT.

REPORT.

OFFICE OF THE ENGINEER OF THE HARBOR BOARD,

BALTIMORE, January, 1896.

To the President and Members of the Harbor Board of Baltimore:

GENTLEMEN.—I have the honor to submit the following report of operations during the year ended December 31, 1895:

The following appropriations for the year were made by the Mayor and City Council:

For harbor maintenance and improvements (including running expenses, and repair of Tug *Baltimore*)	$35,000 00
For dredging Bush-street dock	8,000 00
" " Jones' Falls	10,000 00
" operation and repair of ice-boats	25,000 00
For repair of public wharves and general supervision of all wharves	2,000 00
For removal of ashes from tow-boats	1,500 00
Making a total of	$81,500 00
Of which there was received from State auction duties	7,184 58
Leaving chargeable to tax levy	$74,315 42

BACK BASIN AND DOCKS.

Early dredging of docks.

The Mayor and City Council, in order to avoid the nuisance of doing the work during warm weather, authorized by resolution of March 21 an expenditure not exceeding $20,000 for the removal of sewer and other deposits from docks and the Back Basin (or City Dock); all expenditures under this resolution to be chargeable to such moneys as might be assigned to harbor improvements in the General Appropriation Bill.

Bids.

Advertisements were accordingly issued for such dredging as was considered necessary, and bids for the same were opened on April 4, as follows:

Baltimore Dredging Company, $13\frac{2}{10}$ cents per cubic yard; Sanford & Brooks, $11\frac{9}{10}$ cents per cubic yard.

Contract.

The contract was awarded to Messrs. Sanford & Brooks, who commenced work on the 8th of April and concluded on July 27.

Work done.

They excavated and removed during this time 90,917 cubic yards, and were paid $10,819.11.

Their work was distributed as follows:

Head of Basin from Light street to South street, including docks along Light and Pratt streets	49,475	cub.	yds.
Back Basin (City Dock)	15,727	"	"
Pratt and Light streets (hard bottom)	1,281	"	"
McClure's Dock	204	"	"
William-street Dock	1,032	"	"
Johnson " "	1,096	"	"
Smith's Dock	1,356	"	"
Frederick-street Dock	2,063	"	"
Long Dock	3,055	"	"
Cross-street Dock (sewer)	699	"	"
Mouth of Jones' Falls	4,197	"	"
Will-street Dock	981	"	"
Broadway "	279	"	"
Lancaster-street Dock	1,634	"	"
Washington-street Dock (sewer)	1,138	"	"
Chester-street Dock	948	"	"
Harris' Creek Dock (sewer)	5,333	"	"
Obstruction from harbor, near McGrath's Wharf	419	"	"
Making total dredging (as before)	90,917	"	"

Areas.

Areas covered by this work were as follows:

Head of Basin, 1,012,000 square feet; average depth of excavation, 1 foot 4 inches.

Back Basin, 263,070 square feet; average depth of excavation, 1 foot $7\frac{1}{4}$ inches.

Docks, 349,840 square feet; average depth of excavation 1 foot $11\frac{3}{4}$ inches.

At the head of Basin and in all docks the dredging was generally done to hard (or natural) bottom, the object being to remove only deposits from sewers and streets, leaving depths of water varying from 12 feet to 19 feet at mean low water.

In the Back Basin (or City Dock) deposits were removed to not less than 15 feet at low water, including both docks at eastern end and the Falls to Canton avenue bridge.

HARBOR (INCLUDING MIDDLE BRANCH).

Harbor dredging.

The general appropriation bill having allotted to this section of the Board's work (and to docks, etc.,) the sum of $35,000.00, after due advertisement, proposals were opened on June 7 as follows:

Bids.

Harbor—Sanford & Brooks, $11\frac{9}{10}$ cents; Baltimore Dredging Company, 11¾ cents; all per cubic yard.

Middle Branch—Sanford & Brooks, 13 cents; Baltimore Dredging Company, 12½ cents; all per cubic yard.

Contract.

The contract was awarded to the Baltimore Dredging Company, which commenced operations on August 2, and concluded on November 25. They excavated and removed under this contract:

From Main Harbor.....67,488 cubic yards.
" Middle Branch.....27,958 " "

Or in all.....95,446 " "

Work done.

Dredging in the harbor was mainly confined to removing deposits from Jones' Falls, which had accumulated opposite its mouth and extended over on to Anchorage No. 1. In this vicinity an area of 116.500 square feet was dredged to a depth of 22 feet at low water, and an area of 256,950 square feet to 19 feet low water. Deposits were also removed in the vicinity of Washington-street sewer, in what is known as "Canton Hollow," over 84,000 square feet to 18 feet depth; near Harris' Creek sewer, over 81,000 square feet to 15 feet depth; near Carroll's shipyard, over 5,875 square feet to 18 feet depth. The whole amount dredged was 67,488 cubic yards; the whole area dredged over was 544,375 square feet; and average depth of dredging was 3 feet 4 inches.

MIDDLE BRANCH AND BUSH-STREET DOCK.

Middle Branch and Bush-street Dock.

Operations were commenced in this section on August 2 and concluded September 21. Sewer deposits were removed in the vicinity of Eutaw and Howard-street sewers to 12 and 15 feet depth over an area of 19,300 square feet. A cut 45 feet wide and to 18 feet depth was made in the main dredged channel, from its junction with Bayard-street channel to the angle (or turn) off Moale's Point, a distance of 2,750 feet. Cuts were also made to same depth, at this angle, 135 feet wide and 375 feet in length. The angles at junctions of Bayard and Bush-street channels were also relieved by cuts 45 and 80 feet wide, respectively, about 350 feet in length to 18 feet depth at Bayard street and to 12 feet at Bush-street channel.

Work done.

Bush-street Dock was dredged its entire length (2,750 feet) for a width of 80 feet and to a depth of about 12 feet at low water.

The area covered by the dredging was 425,400 square feet; the quantity of material removed, 55,171 cubic yards (including 27,958 yards on page 15), and the average depth of dredging, 3 feet 6 inches.

JONES' FALLS.

Jones' Falls.

Operations were commenced on this section June 18 and completed August 24. The usual spring examination of the stream showed, as was to be expected, that the results of the work of 1894 were obliterated by the deposits brought in from town and country during the autumn and winter months.

Work done.

The money at command permitted only one (1) cut 24 feet wide from Eastern avenue to Pratt street, and two (2) cuts each 24 feet wide thence to Fayette street. Between Eastern avenue and Pratt street, 12½ feet depth was obtained; between Pratt street and Lombard street, 10½ feet depth was obtained; between Lombard street and Baltimore street, 10½ feet depth was obtained; between Baltimore street and Fayette street, 12 to 13 feet depth was obtained; under bridges, where scrap-

ing had to be resorted to, from 8 feet to 10 feet depth was made, all depths being measured from mean low water.

Survey.

A resurvey of the Falls in September subsequent to a heavy rainstorm about September 6, and after the conclusion of dredging operations August 24, showed the following fills: From Fayette street to Baltimore street, 8 feet; from Baltimore street to Lombard street, 4 feet; from Lombard street to Canton avenue (at least) 2 feet, or about 14,000 cubic yards of deposit by one rainstorm. As stated in my report for 1894, this probably does not represent more than one-half the material brought down by such storms, as at least as much more is carried in suspension by the current and deposited in the harbor adjacent to the mouth of the Falls.

Area and quantity.

The area covered by the dredging was 85,920 square feet; the material removed was 22,776 cubic yards; the average depth of dredging was 7 feet 2 inches.

Whole area of all dredging and quantity

The whole area covered by dredging during the season (except Jones' Falls) was 2,594,685 square feet; the quantity of material removed, 213,576 cubic yards; and average depth of excavation, 2 feet 2½ inches.

Total expenditures.

Expenditures for account of harbor, docks, channels and Jones' Falls were $48,697.90, subdivided as follows:

Paid contractors	$33,616 90
General administration of *all* work, including salaries of engineer and clerk, and incidental expenses	5,486 38
Supervision of dredging and dumping	2,452 54
Repair and operation of tug	6,411 08
Surveys	656 63
Advertising	74 37
Unexpended balance	4,302 10
Amount of appropriations	$53,000 00

Of the unexpended balance, $4,222.91 is owing to an understanding that of the $8,000 appropriated for Bush-street Dock, not over $4,000 should be actually expended for dredging in this dock, the ordinance having been approved by the Mayor only on that condition.

REPAIR OF PUBLIC WHARVES.

Repairs to wharves.

For repairs of public wharves there was appropriated $2,000.00, which sum includes the cost of the general inspection and supervision of all wharves, public and private. Repairs were comparatively unimportant, except at Long Dock.

Centre pier in Back Basin—

The fender piles at southwest corner were hauled into place,(where pulled out by improperly mooring vessels to them), about 20 feet of 12 by 12 inches new fender cap were put in, and three (3) oak mooring piles planted at convenient points, cost was $57 88

Foot of Will street—

A bulkhead of piles with cap log and sheet piles in front of city property (about 12 feet in length) was built; cost $68 04

Foot of West Falls avenue—

One new 12 by 12 timber, 50 feet long, was placed on bulkhead; cost..... $22 90

Foot of Hughes street—

One new log, 12 by 12, 37 feet long, placed on bulkhead; cost $16 49

Pier foot of Calvert street—

One new pine pile driven, with chocks, etc..... $8 14

South street and Bowly's wharves—

New platform, 18 by 23 feet, 3 inch Georgia pine; old platform, 18 by 70 feet, taken up, repaired and relaid; old guard log relaid and 30 feet of new cap log put on; cost $186 47

Foot of Broadway—

Leak in sheet piling repaired; cost..... $2 78

Wharf at Quarantine station—

The storm screen on east side was overhauled, refastened and 46 pieces of new 2 inch stuff, 12 by 8 feet, put in place; cost $28 84

BULKHEAD EAST SIDE LONG DOCK.

Repairs to bulkhead in Long Dock.

About the middle of November some fifty feet in length of the old stone and pile bulkhead in front the Pearl Hominy Company's Mills gave way to such extent as to stop traffic. Bids for repairs were asked for and received from Messrs. Sanford & Brooks and from Mr. Benjamin Glenn. Messrs. Sanford & Brooks offered to do the whole as specified for the sum of $594.86, with specified allowances for extra work if required. As Mr. Glenn's bid, per schedule in specification quantities without extras, was $625.60, and without forty cubic yards of masonry, for which he did not bid, the contract was awarded to Sanford & Brooks, who completed the work very satisfactorily about the middle of December.

Some extra work was found necessary as repairs progressed, and the work was finished for a length of fifty-four feet of bulkhead for	$ 672 44

Total cost of repairs to wharves.

Total expenditures for repairs were	1,063 98
For general supervision of all wharves	885 00
Leaving an unexpended balance of	51 02
The appropriation being	$2,000 00

ASH-SCOW.

The scow for receiving ashes from tow-boats required recaulking, painting and some repairs to deck, which were done at a cost of $177.40.

The scow has been kept on its station regularly, except for one day monthly, when being unloaded.

Ashes removed.

There has been received during the year from sixty-two tow-boats and seven steamers 49,825 bushels of ashes, which have generally been deposited behind bulkheads belonging to private parties down the river at the expense of the owners. A few loads have been placed at the old Marine Hospital, or Sea Wall.

Expenditures have been—

Expenditures.

For unloading	$162 62
Miscellaneous supplies (oil, rope, etc.)	12 89
Fuel	5 00
Repairs	177 40
Supervision of scow and dump	799 92
Unexpended balance	342 17
Appropriation for year	$1,500 00

ICE-BOATS.

Use of ice-boats.

During February both ice-boats and the Tug *Baltimore* were actively employed in the prevention of obstruction to commerce by ice in the harbor. river and bay, and the supply of similar relief to such other localities as the public interests seemed to require. While the ice was not as thick as in 1893, it covered more extensive areas, and owing to high winds and low tides, made the work of the

Tug *Baltimore.*

boats exceedingly arduous. The Tug *Baltimore,* in addition to the performance of all required service as an "ice-breaker" in the harbor and Middle Branch, rendered similar service in the Susquehanna and Sassafras Rivers, in Eastern Bay, and in all the navigable tributaries of the Patapsco. The ice-boats were also required, in addition to

Ice-boat service away from port.

their general duties in channels of the river and bay, to afford relief in the Sassafras, Chester and Choptank Rivers, and in Eastern Bay. Many oyster vessels, driven ashore on Kent Island by ice and high winds, were broken out and convoyed to places of safety. During a severe wind storm in February the tide fell to the remarkable extent of seven (7) feet below ordinary low-water.

Repairs to ice-boats.

Continuous and severe work in the ice rendered necessary extensive repairs to the wheels of the Ice-boat *Annapolis,* and a new set of tubes were found necessary for the boilers of the *Latrobe.*

Bids for tubes for *Latrobe.*

In June proposals were asked for furnishing and placing new tubes, as well as for repair of wheels, with following results:

For new tubes.	Allison's.	Other makes.
James Clark Co.....	$1,115 00	$ 985 00 Tyler's.
J. C. Froehlich & Co.	1,190 00	1,025 00 Syracuse.
		950 00 Morris & Tasker.
R. M. Spedden & Co..	1,050 00	935 00 National iron.
		770 00 " steel.
Chas. Reeder & Sons .	1,048 00	

Maryland Steel Company, $1,050.00, as good as any.

Contract.

As the Allison make of tube is decidedly superior from our experiences, the contract was awarded to the lowest bidder for that make, Messrs. Reeder & Sons, at $1,048.

Repair of wheels—

Bids for repairs to wheels of *Annapolis*.

J. C. Froehlich & Co	$1,040 00
James Clark Company	1,150 00
Charles Reeder & Sons	1,490 00

Contract.

The contract was awarded to the lowest bidder, Messrs. J. C. Froehlich & Co. During the progress of repair to arms, buckets, etc., of wheels, a considerable amount of extra work was found necessary, for which there was allowed $650, making total cost of the work $1,690. Both contracts were completed in a very satisfactory manner.

The boats were, as is annually necessary, hauled out, cleaned and painted, and are now in serviceable condition.

Excursions for Free Summer Excursion Society.

As provided by law, the *Latrobe* was in service during the summer for the Free Summer Excursion Society, for which twelve (12) round trips were made to and from Chesterwood on Bear Creek, conveying about 15,000 persons. The cost of this service is about $1,200 per annum. The boats are ready for service at any time, though the *Latrobe* needs badly repairs to woodwork, to which attention was called in my last annual report.

Cost.

Total expenditures.

Expenditures for these boats were, as set forth in the annexed tables	$24,999.44
Leaving an unexpended balance of	.56
The appropriation being	$25,000.00

Expenditures for salaries and wages (crew) were	$13,436 88
" " fuel were	2,930 70
" " repairs, etc., were	5,732 04
" " steamboat supplies were	1,607 70
" " provisions were	1,035 72
" " wharfage were	250 00
" " advertising were	6 40
Or, as above, in all	$24,999 44

OPERATIONS DURING 1896.

HARBOR, ETC.

Future requirements.

Under present conditions of commerce the dredged ship channels in harbor are in sufficiently good condition, with the possible necessity of some work in channels to coal piers at Locust Point.

Harbor and Middle Branch.

As the main harbor and Middle Branch receive nearly all the sewage and street washings of the whole city (some being intercepted by Jones' Falls), it is evidently necessary that for both commercial and sanitary reasons the annual accumulations should be removed, and, in fact, if sewers are so located as to have their discharge where easily accessible to dredges and scows, the removal by such means is probably as cheap as any other. The channels in Middle Branch require annual attention, as they receive the outflow from Eutaw, Howard and Bush-street sewers, Chatsworth Run, and Gwynn's Falls.

JONES' FALLS.

Jones' Falls.

As stated in previous reports, it is essential for sanitary reasons that the accumulations of sewer and other deposits in this stream below Gay street be removed; the cost of so doing can only be reduced below recent charges by making contracts for such a term of years as would enable the contractor to procure a plant especially adapted to this purpose, to which ordinary dredging plants are not.

ICE-BOAT.

Ice-boats.

The *F. C. Latrobe* still needs greatly the repairs to woodwork asked for in last year's report. Both boats are now engaged in harbor and river relief from ice; it is uncertain how long this work may continue. It will, however, at the very lowest estimate cost $4,000 per month per boat, or $8,000 for the two, which must be taken into consideration in estimating amount required for maintenance during 1896.

REPAIRS OF WHARVES.

Repairs to wharves.

Ordinary repairs of public wharves will probably be small in extent and cost. It is very desirable that the stone bulkhead in City Dock be extended from abutment of drawbridge to Tyson's Chrome Works, to replace the present decayed wooden bulkhead, and I have estimated for it.

THE ASH SCOW

Ash scow.

Will not require any general repairs, and I have reduced the estimate for its maintenance $300 for 1896.

ESTIMATES FOR 1896.

Estimates for 1896.

Harbor, docks, Middle Branch, etc	$35,000 00
Dredging Jones' Falls (above Canton avenue)	15,000 00
Repair and operation of ice-boats	25,000 00
" of public wharves	2,000 00
Rebuilding bulkhead, City Dock	6,000 00
Removal of ashes from tow-boats	1,200 00
Total	$84,200 00

I have to express my entire satisfaction with the manner in which all officers and employees of the Board have discharged their duties.

Respectfully submitted,

N. H. HUTTON, *Engineer.*

ANNUAL REPORT

— OF THE —

GENERAL SUPERINTENDENT OF LAMPS

AND

Inspector and Sealer of Gas Meters

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895

REPORT.

OFFICE OF THE GENERAL SUPERINTENDENT OF LAMPS AND INSPECTOR AND SEALER OF GAS METERS—CITY HALL,

BALTIMORE, December 31, 1895.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—I have the honor of presenting the Sixteenth Annual Report of this Department, showing receipts, disbursements and the general affairs relating to the lighting of the city for the year ending December 31, 1895:

There are now in use in the first twenty wards of the city, or in what is known as the city proper—

1,257 Electric arc lamps,
5,086 Gas lamps,
333 Gasoline lamps,

and in the Twenty-first and Twenty-second Wards, or what is known as the Annex—

21 Electric arc lamps,
704 Gas lamps,
564 Gasoline lamps.

These lamps are placed on the streets, lanes and alleys of the city to the best possible advantage; but, in the judgment of the department, the city is *not* well lighted, and many more lamps would be required to properly light it.

To accomplish this, very much heavier appropriations would have to be made; for, in order not to exceed the amount appropriated, the whys and wherefores have to be weighed and calculations made whenever an extra lamp is asked for in some newly built up section of the city, and the builders frequently think they are badly treated when all the lamps they ask for are not erected at once, they not appreciating the fact that the appropriations won't allow it.

I again desire to call attention to the fact that the city has *no contract* with the gas company, but pays for the gas it uses exactly the same price paid by the private consumer, viz.: $1.25 per thousand cubic feet.

As the city is such a large consumer, it would seem that if

a contract could be made, a much lower figure might be obtained and the obligation placed upon the gas company to lay mains wherever the city desires a gas lamp erected.

This department has now no authority to order mains laid at points where gas lamps have been petitioned for and are needed, and this department is blamed for not providing the light asked for.

The gasoline lamps are to be found in sections of the city not supplied with gas mains. They are filled and kept supplied with fluid by contract with Mr. Charles D. Nicolai at a cost to the city for the first twenty wards of $13.82 per annum per lamp, and for the Twenty-first and Twenty-second Wards at a cost of $12.82 per annum per lamp.

This contract will expire June 30, 1896.

The electric arc lamps are supplied by contract. That section of the city west of Charles street by the Edison Electric Illuminating Company of Baltimore City. That section east of and including all lamps on Charles street by the Brush Electric Company. Both companies furnishing the lamps at a cost to the city of thirty-five cents per lamp per night.

During the past year the service rendered by these companies has been vastly improved, and I think I can say from personal observation that the present electric arc light service of this city is superior to that given in many other cities I have visited.

A system of inspection was introduced during the year by which each individual lamp could be tested for its voltage, and each circuit for its ampereage. As these tests are made on the street, and not in the power houses or stations, this department can at any time ascertain the exact service being rendered, and the nominal candle-power of each lamp by the number of Watts shown, taking 500 Watts as the nominal 2,000 candle-power. The contract with each company was awarded for five years from September 7, 1894.

At present there are five Superintendents of Lamplighters for the first twenty wards, and two for the Annex, one for the Twenty-first and one for the Twenty-second Ward.

Their reports are herewith appended.

BALTIMORE, December 31, 1895.

W. Stuart Symington, Esq., General Superintendent:

DEAR SIR.—I take pleasure in presenting the annual report of the Eastern District of Lamplighters. The district

embraces all that portion of the city lying east of Caroline street from North avenue to the water front:

There are one hundred and ninety-three (193) electric lamps, twenty-two (22) of which were put in service during the year.

The Northeastern and Canton Markets were lighted by electric lamps during the year, and are giving general satisfaction.

There are at present eleven hundred and fifty-eight (1158) gas lamps in use, twenty (20) of which were erected during the year, one (1) relit, and fourty-four (44) discontinued.

The gasoline lamps have given much better service during the past year, but in all cases where gas mains are laid they have been superseded by gas lamps. At present the number of gasoline lamps are one hundred and three (103); two (2) new ones were placed in position, and forty-three (43) were discontinued. Many more lamps are needed in the upper or northern portion of the district, and I would respectfully urge that provision be made to supply them.

There have been few complaints of neglect of duty of the lamplighters since the globe lamps have been adopted; the work of the men has been somewhat reduced.

The district has twenty-five (25) lamplighters; there beats and lamps are so arranged as to divide the work as equally as possible. It requires about one hour to light any one beat. The lamps are now in splendid condition throughout the district.

Yours respectfully,

EDWARD HAMMER,

Superintendent Eastern District.

BALTIMORE, December 31, 1895.

W. Stuart Symington, Esq., General Superintendent of Lamps, etc.:

DEAR SIR.—I have the honor of presenting to you my Annual Report of the Northeastern District of Lamplighters from January 1 to date:

The district comprises the following boundaries: From North avenue to the water front, and from the west side of Caroline street to the east side of Charles street.

There are four hundred and thirty-five (435) electric lamps now in service. Fifty-six (56) new ones have been erected

during the past year, including nine (9) in the Centre Market and seven (7) in the Belair Market. The street electric lamps are placed on mast-arms, brackets and posts. These positions are selected to give the best light obtainable.

There are eight hundred and seventy-one (871) gas lamps now in service; one hundred and sixty-seven (167) have been discontinued during the past year; thirteen (13) gas lamps havebeen relighted, and eleven (11) gas lamps have been substituted for the same number of gasoline lamps. There has been recently new burners put in service on all the gas lamps, which are giving satisfaction as to the uniformity of the light.

There are seventy (70) gasoline lamps now in service; eleven (11) gasoline lamps have been discontinued, and four (4) new ones erected and put into service. The gasoline lamps are now doing satisfactory service at present, but they are being superseded by gas wherever gas mains are laid.

This district has all globe gas lamps; the square lamps are only in use on the gasoline lamps, which makes the duty of the lamplighter much easier performed in keeping the lamps clean and reporting for the repairs and other defects.

There are twenty-one (21) lamplighters in this district, who are doing their work in a satisfactory manner by keeping their lamps in order, cleaning them when necessary and reporting all defects promptly. The erecting of a large number of electric lamps in this district caused the redivision of the beats of the several lighters so as to equalize the work; they can light or extinguish the lamps assigned them on an average of about one hour since change, which is satisfactory in its results.

This district is now well-lighted in all sections, both in the business and residential portions, and there is no locality that I could suggest to be improved by giving any more light at present.

Respectfully submitted,

CHARLES J. DOUGHERTY,

Superintendent of the Northeastern District.

BALTIMORE, December 31, 1895.

W. Stuart Symington, Esq.:

DEAR SIR.—I have the pleasure of presenting to you the Report of the Northwestern District of Lamplighters up to December 31, 1895:

In the district are found two hundred and seventeen (217) electric lights, placed upon arms, brackets and poles.

The gas lamps situated on streets and in alleys number 1,262. All the gas burners in the three markets have been replaced by electric lights, the latter having been distributed as follows:

In Richmond Market.....7
" Lafayette Market.....3
" Lexington Market.....1

The gas lamps (ten excepted) are supplied with Miner globes. These ten (10) is situated as follows: Eight (8) in Mt. Vernon Square, west of the monument, and two (2) at north end of Mt. Royal Avenue Square at North avenue.

There are twenty-seven (27) gasoline lamps in the district, being twenty-three (23) less than those of the previous year, twenty-one (21) of these having been replaced by gas, and two (2) by electricity.

There are twenty-two (22) lighters in the district, whose beats are equally divided. To light the number assigned each man, it requires on an average of one hour and ten minutes.

The lighters, with but few exceptions, endeavor to perform their duties to the best of their ability.

I should recommend that the gasoline lamps remaining in the district be replaced by gas lamps.

The territory covered by my district is as follows:

Beginning at the northwest corner of Pratt and Charles streets, and running north on the west side of Charles street to the northwest corner of Charles street and North avenue; west on the north side of North avenue to Pennsylvania avenue; south on the east side of Pennsylvania avenue to Fremont avenue; south on the east side of Fremont avenue to Pratt street, and east on the north side of Pratt street to Charles street.

CLASSIFICATION OF LAMPS:

Globe lamps	1,252
Square lamps	10
Gasoline lamps	27
	1,289

Respectfully submitted,

R. E. HARDING,

Superintendent Lamplighters, Northwestern District.

BALTIMORE, December 31, 1895.

W. Stuart Symington, Esq., General Superintendent of Lamps, etc.:

DEAR SIR.—I have the honor of presenting the Annual Report of the Western District Superintendent of Lamplighters:

The district embraces all the territory from the west side of Fremont and Pennsylvania avenues to old city limits, and on the south by the north side of Pratt to Parkin, and thence on the line of the B. & O. R. R. to the old city limits, and on the west by the old city limits, and on the north by North avenue to the old city limits.

At present there are twelve hundred and twenty-nine (1,229) lamps in the district, viz.:

Gas lamps	1,008
Electric arc lamps	162
Gasoline lamps	59

To light and care for the thousand and sixty-seven (1,067) gas and gasoline lamps there has been assigned twenty-one (21) lamplighters; their beats have been arranged with much care, so as to not only equalize the work, but that the portion of each beat where the light is most needed in the early part of the evening receives attention first.

During the past year there has been fifty (50) additional electric lamps placed in service, and eighteen (18) new gas lamps were erected, surplanting, in most every case, gasoline lamps.

The district has lost eighty-five (85) gas lamps by the substitution of the electric lamps. By the various changes that have been made a very noticeable improvement in the better lighting of the streets has been secured.

During the past year there has been very little complaint against the lamplighters for neglect of duty, and I desire to express my thanks to them for the cheerfulness with which they carried out the instructions from time to time given them.

Respectfully yours,

JOHN WARD,

Superintendent Lamplighters, Western District.

BALTIMORE, December 31, 1895.

Major W. Steuart Symington, Esq.:

DEAR SIR.—I herewith submit my Second Annual Report of the Southern District of Lamplighters, beginning January 1, 1895, and ending December 31, which embraced all that portion of the city lying within the following boundaries: Commencing at south side of Pratt and Light streets to Parkin, following the Baltimore and Ohio Railroad to Monroe street, south to Patapsco River, east to Fort McHenry, thence along the water front to the place of beginning:

The district is at present in first-class condition, and twenty-two (22) lamplighters are required to perform the work. Their beats are so divided from time to time as to equalize the number of lamps and territory as near as possible. The average time of lighting is from forty-five (45) to sixty (60) minutes. The men have all rendered satisfactory service, with a few exceptions.

January 1, 1895, there were in service one hundred and eighty-five (185) electric lamps. Many improvements have been made during the year. Sixty-five (65) additional lamps have been erected and put in service, making a total of two hundred and fifty (250); of these, one hundred and fifty-four (154) are supplied by the Maryland Company west of Charles street, and ninety-six (96) by the Brush Company east of Charles.

The number of gas lamps in service January 1, 1895, were seven hundred and seventy-one (771); new gas lamps erected during the year, seventy-one (71); relit, six (6); discontinued, fifty-two (52), leaving in service at present seven hundred and ninety-six (796).

Oil lamps, January 1, 1895, one hundred and thirty-nine (139); discontinued, sixty-five (65); in service at present, seventy-four (74).

Total—Gas, 796; oil, 74.

Respectfully yours,

GEORGE H. SMITH,

Acting Superintendent.

BALTIMORE, December 31, 1895.

W. Stuart Symington, Esq.

DEAR SIR.—I take pleasure in presenting the report of the Twenty-second Ward, Annex, District of Lamplighters:

During the past year there has been twelve (12) additional electric lamps erected on the Harford road, between North avenue and Clifton Park.

The improvement has been very satisfactory to those using this important highway. There are now fifteen (15) in this district.

There are three hundred and thirty-three (333) gas lamps in use, seven (7) of which were erected and ten (10) lamps having been discontinued during the year. Many more gas lamps are needed, and as the gas mains are now being laid, it is presumed that if the appropriation is made, the lamps can be placed as the demands for them become a necessity.

There are three hundred and five (305) gasoline lamps in service; seven (7) new ones were erected and fifteen (15) discontinued.

The gasoline lamps have given general satisfaction, but wherever the gas mains are laid, I would recommend the substitution of gas lamps.

During the year all the gas and gasoline lamp posts have been painted, which has added very much to their appearance and which will preserve them from decay.

The lamplighters, of which there are seventeen (17), are, as a rule, endeavoring to perform their duties. It requires at least an hour for any man to light or extinguish the lamps on a beat.

I would recommend that as soon as practicable the street signs be placed upon the lamps or on the corner houses.

Yours very respectfully,

E. OREM,

Superintendent Lamplighters, 22d Ward, Annex District.

BALTIMORE, December 14, 1895.

W. Stuart Symington, Esq., General Superintendent of Lamps:

DEAR SIR.—In submitting to you this, my first general report, I do so with the utmost pleasure. Pleasure, because my connection and association with you, the office and my lighters has been of the most pleasant kind, and my duties as Superintendent (a mystery to me at first) have been very much lightened by the advice and instruction given me by you and others connected with the office:

The district, when I took charge July 5, 1895, was only in a fairly good condition, owing no doubt to the large territory which my predecessor had to cover—namely, having had charge of the entire Annex District—and as this is too much ground for one man to superintend, he could not give it the attention that it requires to make the work satisfactory.

The district now (pardon the flattery) will compare favorably with any; in fact, I think it is second to none in the city. This state of affairs has been chiefly brought about by the lighters themselves, as they are always on time in lighting and putting out, and in keeping the glass and burners as clean as possible. Another feature that adds beauty to the district is that the posts have all been recently straightened and repainted. Much improvement can be made by erecting additional lamps, but this wonld necessitate the appointment of additional lighters, as the routes now laid off for the eighteen (18) men employed, while not having the same number of lights, take on an average the same time (1 hour and 10 minutes) to light.

During my term one (1) lighter was suspended for thirty days and two (2) were reprimanded.

When I assumed charge I found on the district seventeen (17) lighters, three hundred and sixty-two (362) gas and two hundred and fifty-two (252) oil lamps. The erecting of new lamps in and around Walbrook caused the appointment of another lighter, making eighteen (18). There have been erected twenty (20) gas lamps, and taken from the western district three (3) gas lamps; discontinued, twelve (12) gas lamps; and given to the western district, one (1) gas lamp; making the total gas lamps three hundred and seventy-two (372).

New oil lamps erected, eight (8); discontinued, two (2); leaving two hundred and fifty-eight (258) oil lamps.

Six (6) electric lights have been placed on Fulton avenue, as follows: At the southwest corner Fulton and Walbrook avenues, southeast corner Fulton and Clifton avenues, west side Fulton between Clifton and Pennsylvania avenues, northeast corner Fulton and Pennsylvania avenues, north side Fulton avenue opposite Mary street, and on Fulton avenue opposite Francis street.

Hoping that my report may meet your approval, and that our relation as servants of the public may continue to exist.

I am, yours respectfully,

F. W. Lustnauer,

District Superintendent of the Twenty-first Ward—Annex District.

These Superintendents are expected to keep a general supervision of the actions of lamplighters, and to see that the lamps in their several districts are lighted and extinguished at the proper hours, and kept in proper condition and repair.

As they have to move over a very extended territory, many direlictions of lamplighters never get to their knowledge, nor to that of the General Superintendent.

These Superintendents are required to report at the office of the General Superintendent every morning (on a blank furnished for that purpose) all matters that require attention in their several districts.

By 10 o'clock A.M. these reports are in the hands of the foreman of the repair shop, and in a short time thereafter the four men under him (all good mechanics) are on the street making the repairs, their time *in the shop* from 7 o'clock A. M. being fully taken up with the work which cannot be done on the street.

I feel that the duty of properly lighting a great city like Baltimore is one that requires constant and careful attention, but it is impossible for me to see that all the rules of the department are carried out, and to exercise such general supervision as the proper working of the department requires, while my work is hampered by the inspecting and sealing of meters, a duty which should more naturally belong to the Department of Inspector of Gas.

Every gas meter used in the city (both public and private) has to pass through this office to be inspected and sealed.

This is a most important work, and it can easily be seen that the addition of the Twenty-first and Twenty-second Wards to the city has added a great deal of work to that required of the Department before these wards became a part of the city. This work is constantly growing as the Annex gets built up and the number of the consumers of gas increases.

The fees derived from this inspection, which are handed to the City Register each month, amount to over two thousand dollars ($2,000) a year.

If this work of inspecting and sealing meters increases as it has been doing, it will be impossible for me and my one clerk to do the work required of this Department, and I may say that if it were not for the very efficient way in which the said clerk performs the duties assigned him, many other duties would be necessarily neglected or performed in a manner not satisfactory to the head of the Department.

I am, sirs, very respectfully yours,

W. STUART SYMINGTON,

General Superintendent of Lamps.

TABLES.

TABLE A.

EXHIBITS THE NUMBER AND SIZES OF METERS INSPECTED; ALSO, THOSE REJECTED AS INCORRECT.

SIZE AND NUMBER OF METERS INSPECTED AND SEALED.

Size of Meters	2-lt.,	3-lt.,	5-lt.,	10-lt.,	20-lt.,	30-lt.,	45-lt.,
No. of Meters	32.	292.	9,440.	104.	103.	26.	30.
Size of Meters	60-lt.,	80-lt.,	100-lt.,	150-lt.,	200-lt.		
No. of Meters	7.	3.	11.	5.	4.		

SIZE AND NUMBER OF METERS REJECTED AS INCORRECT.

Size of Meters	3-lt.,	5-lt.,	10-lt.,	20-lt.,	30-lt.,	45-lt.
No. of Meters	4.	98.	1.	3.	1.	1.

In addition to the above there were forty-five lamp market and engine-house meters taken out, thirty-six of which were incorrect or otherwise out of order.

TABLE B.

Shows the amount received by the department and paid to the Register on warrants from the Comptroller.

Inspecting gas meters	$2,326 25
Recovered damages to lamps	228 00
	$2,554 25

TABLE C.

Exhibits the amount of the appropriation and amount expended, with balance unexpended, for the electric light account.

Appropriation for electric lights	$142,000 00
Amount expended	140,874 56
Balance	$ 1,125 44

TABLE D.

Exhibits the amount of appropriation and amount expended, with balance unexpended, for the gas account.

Appropriation for gas	$140,000 00
Amount expended	139,976 11
Balance	$ 23 89

TABLE E.

Exhibits the amount of appropriation and amount expended, with balance unexpended, for the gasoline account.

Appropriation for gasoline	$6,749 00
Amount expended	6,617 15
Balance	$ 131 85

TABLE F—Annex.

Exhibits the amount of appropriation and amount expended, with balance unexpended, for the electric account.

Appropriation for electric lights	$1,277 50
Amount expended	819 70
Balance	$ 457 80

TABLE G—Annex.

Exhibits the amount of appropriation and amount expended, with balance unexpended, for the gas account.

Appropriation for gas	$18,000 00
Amount expended	16,830 55
Balance	$ 1,169 45

TABLE H—Annex.

Exhibits the amount of appropriation and amount expended, with balance unexpended, for the gasoline account.

Appropriation for gasoline	$7,000 00
Amount expended	6,970 99
Balance	$ 29 01

TABLE I—City Proper.

Shows the amounts required for the year ending December 31, 1896:

The appropriation for electric lights will cover the cost of the electric lamps on streets, in squares, markets, on bridges, and in clock at No. 6 Engine House, and the inspection of the lamps, as well as for apparatus and repairs to same	$170,022 50
The appropriation for gas will cover the cost of gas for street lamps, squares, markets, bridges, Washington's Monument, erecting and removal of lamps, straightening posts, renewal of services, new globes, lanterns, lamp-posts, street signs, burners, stops, and all necessary repairs for keeping the lamps in good condition, and for additions and alterations to gaspipes or fixtures in public buildings	139,612 50
The appropriation for gasoline will cover the cost of gasoline for the fluid-burning lamps, new posts, lanterns, burners, valves, lampwick, glass, and all necessary repairs for keeping the lamps in good condition	5,804 00

TABLE J—Annex.

The appropriation for electric lights will cover the cost of the electric lamps on the streets and highways	$2,690 10
The appropriation for gas will cover the cost of gas for street lamps, erecting and removal of lamps, renewals of services, straightening posts, new lanterns, globes, burners, lamp-posts, stopcocks, street signs, and all needed repairs to keep the lamps in proper condition	22,735 00
The appropriation for gasoline will cover the cost of gasoline for the gasoline lamps, new posts, lanterns, burners, valves, lampwick, glass, and all needed repairs to the fluid-burning lamps	8,796 00

ANNUAL REPORT

—OF THE—

DEPARTMENT OF STREET CLEANING

OF THE CITY OF BALTIMORE,

—TO THE—

MAYOR AND CITY COUNCIL OF BALTIMORE,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31st, 1895.

OFFICERS AND EMPLOYEES

—OF THE—

DEPARTMENT OF STREET CLEANING

FOR THE YEAR 1895.

B. E. SMITH,

Commissioner of Street Cleaning.

JOHN J. WALSH,

Clerk.

SUPERINTENDENTS OF STREETS:

GEORGE W. TRUMBO, *1st District.*

G. E. McCAULEY, *2d District.*

MICHAEL FADGEN, *3d District.*

JAMES F. BUSEY, *4th District.*

H. LANCASTER, *5th District.*

JOHN MEAGHER, *6th District.*

JOSEPH McGEE, *7th District.*

SUPERINTENDENTS OF DUMPS:

JOHN HUGHES, *Canton.*

F. P. QUINN, *Back Basin.*

——— ———, *Spring Garden.*

MATTHEW J. RUDOLPH, *South Baltimore.*

REPORT.

DEPARTMMENT OF STREET CLEANING—CITY HALL,

BALTIMORE, January 3, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GEMTLEMEN.—In compliance with provisions of Ordinance No. 6, approved February 21, 1882, I have the honor to submit herewith the report of the Department of Street Cleaning.

The annexed tables show the number of men and carts employed, the work performed by the department during the year, the money expended, and the amount received for refuse, etc.

The total appropriation for the year was $389,313, and the amount expended, $375,980.22, leaving a balance of $13,332.78.

Greater efficiency and a cleaner condition of the streets each year the public expect and demand, and I am pleased to say that with the use of the sweeping machines, together with the establishment of the patrol system of sweeping and collecting dirt on streets having the improved paving, the department has been able to give better results, in consequence of which fewer complaints have been received during the year than formerly.

However, unless the people will take an interest in keeping the streets clean, all the work done by the department will not keep them in a desirable condition.

An ordinance on March 22, 1893, was passed making it a penalty to throw paper, shavings, sweepings, etc., in the street; for a short time the effect of the enforcement of the ordinance was apparent, but gradually former practices were resumed, and now the law is entirely ignored.

Another ordinance, Section 200, Article 48, makes it an offense punishable by fine to spill from a cart dirt, sand, ashes or rubbish along the streets of the city; this ordinance is constantly violated, entailing a large amount of extra labor

and expense which should be prevented by the enforcement of this ordinance.

I beg leave to again call your attention to the condition of many of the alleys, which is a matter of such importance to the health and comfort of our citizens, that it requires more than a passing notice. For the convenience of the residents, in many cases, the alleys are laid out in the rear of a row of houses, and after having been paved carelessly with cobble stones without proper foundation, in a short time are formed on each side ruts deeper than the original gutter, forming holes in which the foul water stagnates, from which arises disagreeable and unhealthy odors. It is impossible to keep such alleys clean, as but a short time elapses after cleaning when they are as bad as before. But little can be done to remedy the condition of those already in use, but there should be passed an ordinance compelling owners to provide that such alleys should run through the entire lot from street to street, and have them paved smoothly and in a substantial manner.

Last winter, an unusually severe one, the amount of snow and ice in the streets being so great, a special appropriation of $40,000 was made by Ordinance No. 2, approved February 13, 1895, to remove it.

As directed by the ordinance, a large force of men and carts were employed and assigned to the work, which was vigorously pushed day and night until the condition of the streets was such that further work in this direction was unnecessary.

Thirty-nine thousand and thirteen dollars and forty-nine cents were expended, leaving a balance of nine hundred and eighty-six dollars and fifty-one cents.

The number of men and carts employed, loads removed, cost of tools, etc., are shown in Table G, to which I respectfully refer you.

In this work great embarrassment and delay was caused in securing places of deposit, as the owners of vacant lots in different sections of the city opposed the dumping of the ice and snow on their premises. Thus at a time when the department should receive assistance and encouragement, as greater activity is expected, we were very much embarrassed.

A machine has been invented and used in other cities for melting the snow by steam, but as yet sufficient has not been learned of its merits to recommend it.

Section 34, Article 41, plainly says: Railway companies

on the streets traversed by them shall keep their tracks and also the street extending two feet on either side free from snow, in doing which they shall not cause to be obstructed the other portions of the streets, and provides a penalty for non-compliance with the ordinance. In direct violation of this law the railway companies throw the snow from their tracks into the other portions of the streets and into the gutters, and even on the pavements, along their lines, to the annoyance and discomfort of the citizens, and thus leave to the city the total cost of its removal.

The collection of garbage has been more acceptably performed by the enforcement of the law directing the drivers of the carts to be the owners thereof; better discipline has been maintained and greater efficiency secured, as the men now are directly responsible for the service they render, and as they receive the full pay for the labor they perform.

I would respectfully suggest that there be expressed by ordinance some definite limit of the quantity of ashes to be removed; the city is now put to the expense of removing ashes from all buildings, no matter how large the quantity; the ordinance now prescribes that coal and other ashes shall be removed when placed in vessels not exceeding a bushel in capacity, not limiting the number of vessels.

The drivers of some carts have more than a load each day from large buildings, thus delaying the proper attention being paid to private dwellings, and in so doing it seems that the city is assuming work of a private character at public expense.

Consideration should be given to the improved methods for the disposition of garbage which have been adopted in other cities.

At present it is conveyed by water in scows six miles from our city and deposited in the county, but should this be suddenly stopped for reasons that may occur at any time, we are utterly unprepared to avert the trouble and danger that might arise from its accumulation.

On the 1st of July, 1894, a contract was made with S. D. Bradford & Co. for the removal of garbage from the city for the sum of $9.400 per annum for three years. No provision has been made for the payment of the amount for this service for the six months ending December 31, 1895.

On the 20th of May, 1895, a contract for one year was made with T. J. Grogan to furnish drivers, horses and harness necessary to work the street sweeping machines and sprinklers

at the rate of $4.88 cents per day for a sweeper and sprinkler jointly.

On the same day a contract was made with Frederick Beck & Company to furnish brooms for one year at $3.60 per dozen.

In June proposals for the purchase of street dirt were advertised for, and none were received, but from the sale of this during the year the department has received and turned over to the Comptroller $935.70.

On December 12, 1895, the cleaning of sewers and sewer inlets was transferred from the Health Department to this. My experience with this work has been so brief that I can but express the hope that the system now adopted is the best, and such as to merit your approbation.

To the Superintendents I return thanks for their earnest co-operation in the working of the department.

The following is an estimate of expenses for the year 1896:

148 garbage carts and men at $18 per week	$138,528 00
72 street " " " " $18 " "	67,392 00
166 sweepers, scrapers and sewer men at $10 per week	86,320 00
Salaries	9,000 00
Tools, sweeping machines, sprinklers, hire of horses, stable rent, repairs to machines, etc	13,000 00
Dumps	3,964 00
Contract for the removal of garbage from the city	9,400 00
	$327,604 00

CITY ANNEX.

16 garbage carts and men at $18 per week	$14,976 00
6 street " " " " $18 " "	5,616 00
13 sweepers and scrapers and sewer men at $10 per week	6,760 00
Salary of superintendent	1,000 00
Tools	125 00
	$28,477 00

Respectfully submitted,

B. E. SMITH,

Commissioner of Street Cleaning.

TABLES.

TABLE A.

Weekly Reports, showing amount of work done in the Street Cleaning Department, the number of men and carts employed in the several districts, and the amount of money expended for the same, from Jan. 1 to Dec. 31, 1895.

FIRST DISTRICT. GEORGE W. TRUMBO, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 7	646	432	$342 00	$415 32	19	9	26	1,078	$757 32
" " " 14	646	432	342 00	422 00	19	9	26	1,168	764 00
" " " 21	646	360	342 00	358 28	19	9	26	1,006	728 28
" " " 28	646	432	342 00	422 00	19	9	26	1,078	764 00
	2,584	1,746	$1,368 00	$1,617 60				4,330	$2,985 60
Week ending February 4	646	910	$399 00	$789 16	19	18	53	1,556	$1,188 16
" " " 11	646	680	342 00	584 16	19	18	52	1,326	926 16
" " " 18	646	630	342 00	492 16	19	9	26	1,276	834 16
" " " 25	646	630	342 00	490 52	19	9	26	1,276	832 52
	2,584	2,850	$1,425 00	$2,356 00				5,434	$3,781 00
Week ending March 4	646	630	$342 00	$496 84	19	9	26	1,276	$838 84
" " " 11	646	424	342 00	419 00	19	9	26	1,070	761 00
" " " 18	646	424	342 00	417 33	19	9	26	1,070	759 33
" " " 25	646	432	342 00	420 33	19	9	26	1,078	762 33
	2,584	1,910	$1,368 00	$1,753 50				4,494	$3,121 50

Week ending April 1	646	432	$342 00	$420 33	19	9	26	1,078	$762 33
" " " 8	646	432	342 00	420 33	19	9	26	1,078	762 33
" " " 15	646	432	342 00	420 33	19	9	26	1,078	762 33
" " " 22	646	432	342 00	418 66	19	9	26	1,078	760 66
" " " 29	666	432	354 00	418 66	20	9	26	1,098	762 66
	3,250	2,160	$1,722 00	$2,098 31				5,410	$3,820 31
Week ending May 6	620	360	$360 00	$364 44	20	9	26	980	$724 44
" " " 13	680	432	360 00	425 32	20	9	27	1,112	785 32
" " " 20	680	432	360 00	430 32	20	9	27	1,112	790 32
" " " 27	660	432	360 00	428 66	20	9	27	1,092	788 66
	2,640	1,656	$1,440 00	$1,648 74				4,296	$3,088 74
Week ending June 3	669	432	$360 00	$430 32	20	9	27	1,101	$790 32
" " " 10	658	432	360 00	432 00	20	9	27	1,090	792 00
" " " 17	571	432	360 00	432 00	20	9	27	1,003	792 00
" " " 24	571	432	360 00	428 66	20	9	27	1,003	788 66
	2,469	1,728	$1,440 00	$1,722 98				4,197	$3,162 98
Week ending July 1	623	432	$360 00	$430 33	20	9	27	1,055	$790 33
" " " 8	591	416	360 00	424 33	20	9	27	1,007	784 33
" " " 15	640	432	360 00	432 00	20	9	27	1,072	792 00
" " " 22	669	432	360 00	432 00	20	9	27	1,101	792 00
" " " 29	729	432	360 00	425 32	20	9	27	1,161	785 32
	3,252	2,144	$1,800 00	$2,143 32				5,396	$3,943 98
Week ending August 5	678	432	$360 00	$426 99	20	9	27	1,110	$786 99
" " " 12	680	432	360 00	425 33	20	9	27	1,112	785 33
" " " 19	680	432	360 00	422 00	20	9	27	1,112	782 00
" " " 26	678	432	360 00	427 00	20	9	27	1,110	787 00
	2,716	1,728	$1,440 00	$1,701 32				4,444	$3,141 32

TABLE A—Continued.

FIRST DISTRICT. GEORGE W. TRUMBO, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending September 2	667	432	$360 00	$430 50	20	9	27	1,099	$790 50
" " " 9	680	432	360 00	422 00	20	9	26	1,112	782 00
" " " 16	680	432	360 00	426 99	20	9	27	1,112	786 99
" " " 23	680	432	360 00	422 00	20	9	26	1,112	782 00
" " " 30	680	432	360 00	410 33	20	9	25	1,112	770 33
	3,387	2,160	$1,800 00	$2,111 82				5,547	$3,911 82
Week ending October 6	665	432	$360 00	$432 00	20	9	27	1,097	$792 00
" " " 13	640	432	360 00	432 00	20	9	27	1,072	792 00
" " " 20	640	432	360 00	432 00	20	9	27	1,072	792 00
" " " 27	640	432	360 00	432 00	20	9	27	1,072	792 00
	2,585	1,728	$1,440 00	$1,728 00				4,313	$3,168 00
Week ending November 4	640	432	$360 00	$432 00	20	9	27	1,072	$792 00
" " " 11	680	432	360 00	426 99	20	9	27	1,112	786 99
" " " 18	680	432	360 00	420 32	20	9	27	1,112	780 32
" " " 25	680	432	360 00	432 00	20	9	27	1,112	792 00
	2,680	1,728	$1,440 00	$1,711 31				4,408	$3,151 31

Week ending December 2	680	432	$360 00	$430 33	20	9	27	1,112	$790 33
" " " 9	680	432	360 00	423 66	20	9	27	1,112	783 66
" " " 16	680	432	360 00	432 00	20	9	27	1,112	792 00
" " " 23	680	457	360 00	473 66	20	10	30	1,137	833 66
" " " 30	680	462	360 00	480 00	20	10	30	1,142	840 00
	3,400	2,215	$1,800 00	$2,239 65				5,615	$4,039 65

SECOND DISTRICT.

GEORGE E. McCAULEY, Supt.

	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 8	979	867	$468 00	$428 00	26	11	24	1,846	$896 00
" " " 15	1,037	844	486 00	424 80	27	11	23	1,881	910 80
" " " 22	1,043	867	486 00	428 00	27	11	23	1,910	914 00
" " " 29	999	845	486 00	427 16	27	11	23	1,844	913 16
	4,058	3,423	$1,926 00	$1,707 96				7481	$3,633 96
Week ending February 5	1,009	1,641	$567 00	937 80	27	20	57	2,650	$1,504 80
" " " 12	924	1,765	486 00	594 65	27	19	58	2,689	1,080 65
" " " 19	894	1,450	486 00	511 64	27	11	24	2,344	997 64
" " " 26	938	1,404	486 00	432 00	27	11	24	2,342	918 00
	3,765	6,260	$2,025 00	$2,476 09				10,025	$4,501 09

TABLE A—Continued.

SECOND DISTRICT. GEORGE E. McCAULEY, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc. Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending March 5	913	958	$486 00	$434 66	27	11	24	1,895	$920 66
" " " 12	918	720	486 00	496 31	27	11	24	1,638	982 31
" " " 19	844	862	483 00	425 00	27	11	24	1,706	908 00
" " " 26	980	758	486 00	432 00	27	11	24	1,738	918 15
	3,655	3,322	$1,941 00	$1,788 12				6,977	$3,729 12
Week ending April 2	986	766	$486 00	$427 15	27	11	24	1,752	$913 15
" " " 9	989	775	486 00	433 00	27	11	24	1,764	919 00
" " " 16	974	689	486 00	362 43	27	11	24	1,663	848 48
" " " 23	960	792	486 00	429 66	27	11	24	1,752	915 66
" " " 30	968	795	486 00	425 49	27	11	24	1,763	911 49
	4,877	3,817	$2,430 00	$2,077 73				8,694	$4,507 73
Week ending May 7	968	796	$486 00	$429 65	27	11	24	1,764	$915 65
" " " 14	949	586	486 00	427 98	27	11	24	1,535	913 38
" " " 21	1010	574	486 00	428 81	27	11	24	1,584	914 81
" " " 28	942	591	486 00	427 98	27	11	24	1,533	913 98
	3,869	2,547	$1,944 00	$1,714 42				6,416	$3,658 42

Week ending June 4	944	572	$486 00	$428 00	27	11	24	1,516	$914 00
" " " 11	1,139	617	486 00	427 14	27	11	24	1,756	913 14
" " " 18	1,141	596	486 00	428 83	27	11	24	1,737	914 83
" " " 25	1,150	600	486 00	425 66	27	11	24	1,750	911 66
	4,374	2,385	$1,944 00	$1,709 63				6,759	$3,653 63
Week ending July 2	1,208	596	$486 00	$431 30	27	11	24	1,804	$917 30
" " " 9	735	572	486 00	422 15	27	11	24	1,307	908 15
" " " 16	744	570	486 00	420 48	27	11	24	1,314	906 48
" " " 23	778	625	486 00	426 32	27	11	24	1,403	912 32
" " " 30	786	572	486 00	424 65	27	11	24	1,358	910 65
	4,251	2,935	$2,430 00	$2,124 90				7,186	$4,554 90
Week ending August 6	870	596	$486 00	$425 48	27	11	23	1,466	$911 48
" " " 13	926	572	486 00	438 00	27	11	24	1,498	924 00
" " " 20	894	575	486 00	421 30	27	11	24	1,469	907 30
" " " 27	865	596	486 00	434 65	27	11	24	1,461	920 65
	3,555	2,339	$1,944 00	$1,719 43				5,394	$3,663 43
Week ending September 3	883	607	$486 00	$425 50	27	11	24	1,490	$911 50
" " " 10	844	575	486 00	425 48	27	11	24	1,419	911 48
" " " 17	861	586	486 00	422 98	27	11	24	1,447	908 98
" " " 24	769	578	486 00	425 48	27	11	24	1,347	911 48
	3,357	2,346	$1,944 00	$1,699 44				5,703	$3,643 44
Week ending October 1	754	586	$486 00	$437 15	27	11	25	1,340	$923 15
" " " 8	727	574	486 00	431 31	27	11	25	1,301	917 31
" " " 15	719	560	486 00	443 82	27	11	25	1,279	929 82
" " " 22	727	574	486 00	443 82	27	11	25	1,301	929 82
" " " 29	761	586	486 00	439 65	27	11	25	1,347	925 65
	3,688	2,880	$2,430 00	$2,195 75				6,568	$4,625 75

TABLE A—Continued.

SECOND DISTRICT. GEORGE E. McCAULEY, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending November 5	792	580	$486 00	$436 30	27	11	25	1,372	$922 30
" " " 12	594	570	486 00	442 98	27	11	25	1,164	928 98
" " " 19	586	575	486 00	442 14	27	11	25	1,161	928 14
" " " 26	746	572	486 00	438 97	27	11	25	1,318	924 97
	2,718	2,297	$1,944 00	$1,760 39				5,015	$3,704 39
Week ending December 3	830	572	$486 00	442 98	27	11	25	1,402	$928 98
" " " 10	716	567	486 00	439 81	27	11	25	1,283	925 81
" " " 17	833	558	486 00	443 82	27	11	26	1,391	929 82
" " " 24	763	584	486 00	475 13	27	12	27	1,347	961 13
" " " 31	946	590	486 00	473 11	27	12	27	1,536	959 11
	4,088	2,871	$2,430 00	$2,274 85				6,959	$4,704 85

TABLE A—Continued.

THIRD DISTRICT. MICHAEL FADGEN, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 9	378	550	$252 00	$438 00	14	13	23	928	$690 00
" " " 16	364	312	252 00	408 00	14	13	23	676	660 00
" " " 23	405	318	270 00	404 33	15	12	23	723	674 33
" " " 30	398	270	270 00	410 50	15	12	23	668	680 50
	1,545	1,440	$1,044 00	$1,660 83				2,995	$2,704 83
Week ending February 6	352	1,548	$306 00	$989 32	15	25	46	1,897	$1,295 32
" " " 13	378	500	264 00	328 50	15	11	21	878	592 50
" " " 20	389	720	267 00	413 50	15	12	22	1,109	680 50
" " " 27	390	592	270 00	435 33	15	12	23	982	705 33
	1,509	3,357	$1,107 00	$2,166 65				4,866	$3,273 65
Week ending March 6	390	630	$270 00	$429 70	15	12	23	1,020	$699 70
" " " 13	379	297	267 00	380 83	15	12	22	676	647 83
" " " 20	375	289	270 00	349 16	15	12	22	664	619 16
" " " 27	379	366	270 00	335 66	15	12	22	745	705 66
	1,523	1,582	$1,077 00	$1,595 35				3,105	$2,672 35

TABLE A—Continued.

THIRD DISTRICT. MICHAEL FADGEN, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending April 3	390	439	$270 00	$412 50	15	13	22	829	$682 50
" " " 10	391	418	270 00	385 50	15	13	22	809	655 50
" " " 17	392	390	270 00	438 33	15	13	22	782	708 33
" " " 24	398	390	270 00	464 00	15	13	23	788	734 00
	1,571	1,637	$1,080 00	$1,700 33				3,105	$2,672 35
Week ending May 1	402	423	$270 00	$462 33	15	13	24	825	$732 33
" " " 8	399	398	270 00	455 83	15	13	24	797	725 83
" " " 15	405	403	270 00	456 50	15	13	24	808	726 50
" " " 22	305	403	270 00	463 17	15	13	23	708	733 17
" " " 29	413	399	270 00	454 16	15	13	23	812	724 16
	1,924	2,026	$1,350 00	$2,291 99				3,950	$3,641 99
Week ending June 5	422	403	$270 00	$455 66	15	13	23	825	$725 66
" " " 12	410	416	270 00	462 33	15	13	23	826	732 33
" " " 19	413	429	270 00	464 00	15	13	24	842	734 00
" " " 26	420	416	270 00	464 00	15	13	23	836	734 00
	1,665	1,664	$1,080 00	$1,845 99				3,329	$2,925 99

Week ending July 3	596	182	$270 00	$506 16	15	15	26	778	$775 16
" " " 10	428	495	270 00	527 50	15	15	26	923	797 50
" " " 17	423	480	270 00	525 00	15	15	26	903	795 00
" " " 24	420	450	270 00	524 16	15	15	26	870	794 16
" " " 31	420	480	270 00	525 83	15	15	26	900	795 83
	2,287	2,087	$1,350 00	$2,607 65				4,374	$3,957 65
Week ending August 7	415	435	$270 00	$525 83	15	15	26	850	$795 83
" " " 14	435	420	270 00	520 00	15	15	25	855	790 00
" " " 21	400	435	270 00	529 16	15	15	26	835	799 16
" " " 28	398	435	270 00	528 33	15	15	26	833	798 33
	1,648	1,725	$1,080 00	$2,103 32				3,373	$3,183 32
Week ending September 4	403	440	$270 00	$524 16	15	15	26	843	$794 16
" " " 11	403	463	270 00	523 83	15	13	26	866	793 83
" " " 18	394	495	270 00	530 00	15	15	26	889	800 00
" " " 25	390	540	270 00	528 33	15	15	26	930	798 33
	1,590	1,938	$1,080 00	$2,106 32				3,528	$3,186 32
Week ending October 2	383	420	$270 00	$527 50	15	15	26	803	$797 50
" " " 9	383	465	270 00	521 66	15	15	26	848	791 66
" " " 16	375	465	270 00	527 50	15	15	26	340	797 50
" " " 23	390	435	270 00	523 33	15	15	26	825	793 33
" " " 30	368	480	270 00	522 50	15	15	26	848	792 50
	1,899	2,265	$1,350 00	$2,622 49				4,164	$3,972 49
Week ending November 6	375	405	$270 00	$520 00	15	15	26	780	$790 00
" " " 13	375	390	270 00	515 83	15	15	25	765	785 83
" " " 20	367	450	267 00	515 83	15	15	26	817	782 83
" " " 27	371	465	267 00	518 33	15	15	26	836	785 33
	1,488	1,710	$1,074 00	$2,069 99				3,198	$3,143 99

TABLE A—Continued.

THIRD DISTRICT.

MICHAEL FADGEN, Supt.

	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending December 4	383	450	$270 00	$520 00	15	15	26	833	$790 00
" " " 11	377	465	267 00	519 16	15	15	25	842	786 16
" " " 18	398	450	270 00	533 33	15	15	28	848	803 33
" " " 25	397	480	270 00	546 66	15	15	28	877	816 66
" " " 31	359	533	258 00	514 33	15	15	28	892	772 33
	1,914	2,378	$1,335 00	$2,633 48				4,292	$3,968 48

FOURTH DISTRICT.

JAMES F. BUSEY, Supt.

	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 10	876	468	$504 00	$423 66	28	10	25	1,344	$927 66
" " " 17	959	282	504 00	388 83	28	10	25	1,241	892 83
" " " 24	942	348	504 00	404 00	28	10	25	1,290	908 00
" " " 31	946	273	504 00	376 99	28	10	25	1,219	880 99
	3,723	1,371	$2,016 00	$1,593 48				5,094	$3,609 48

Week ending February 7	1,008	1,294	$504 00	$1,015 66	28	25	51	2,302	$1,519 66
" " " 14	1,016	460	504 00	430 00	28	10	25	1,476	934 00
" " " 21	985	600	504 00	430 00	28	10	25	1,585	934 00
" " " 28	1,025	600	504 00	430 00	28	10	25	1,625	934 00
	4,034	2,954	$2,016 00	$2,305 66				6,988	$4,321 66
Week ending March 7	925	600	$504 00	$430 00	28	10	25	1,525	$934 00
" " " 14	964	540	504 00	415 83	28	10	25	1,504	919 83
" " " 21	877	287	504 00	396 66	28	10	25	1,164	900 66
" " " 28	1,118	340	504 00	427 50	28	10	25	1,458	931 50
	3,884	1,767	$2,016 00	$1,669 99				5,651	$3,685 99
Week ending April 4	1,039	438	$504 00	$426 83	28	10	25	1,477	$930 83
" " " 11	1,030	476	504 00	425 16	28	10	25	1,506	929 16
" " " 18	928	380	504 00	425 00	28	10	25	1,308	929 00
" " " 25	881	520	504 00	430 00	28	10	25	1,401	934 00
	3,878	1,814	$2,016 00	$1,706 99				5,692	$3,722 99
Week ending May 2	854	324	$504 00	$367 33	28	10	25	1,178	$871 33
" " " 9	832	464	510 00	417 32	29	10	25	1,296	927 32
" " " 16	718	350	522 00	429 16	29	10	25	1,068	951 16
" " " 23	737	456	522 00	401 99	29	10	25	1,193	923 99
" " " 30	734	450	522 00	429 16	29	10	25	1,184	951 16
	3,875	2,044	$2,580 00	$2,044 96				5,919	$4,624 96
Week ending June 6	623	430	$516 00	$430 00	29	10	25	1,053	$944 00
" " " 13	623	480	522 00	430 00	29	10	25	1,103	952 00
" " " 20	662	450	522 00	430 00	29	10	25	1,112	952 00
" " " 27	608	436	522 00	388 00	29	10	24	1,044	910 00
	2,516	1,796	$2,082 00	$1,678 00				4,312	$3,760 00

TABLE A—Continued.

FOURTH DISTRICT. JAMES F. BUSEY, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending July 4	575	476	$522 00	$414 50	29	10	25	1,051	$936 50
" " " 11	590	472	522 00	422 83	29	10	25	1,062	944 83
" " " 18	472	485	522 00	425 50	29	10	25	957	947 50
" " " 25	513	480	522 00	430 00	29	10	25	993	952 00
	2,150	1,913	$2,088 00	$1,692 83				4,063	$3,780 83
Week ending August 1	560	500	$522 00	$430 00	29	10	25	1,060	$952 00
" " " 8	649	420	522 00	420 00	29	10	24	1,069	942 00
" " " 15	474	490	522 00	430 00	29	10	25	964	952 00
" " " 22	464	460	522 00	427 50	29	10	25	924	949 50
" " " 29	535	490	522 00	430 00	29	10	25	1,025	952 00
	2,682	2,360	$2,610 00	$2,137 50				5,042	$4,747 50
Week ending September 5	567	540	$522 00	$430 00	29	10	25	1,107	$952 00
" " " 12	566	490	522 00	405 82	29	10	25	1,056	927 82
" " " 19	596	480	516 00	430 00	29	10	25	1,076	946 00
" " " 26	528	440	522 00	430 00	29	10	25	968	952 00
	2,257	1,950	$2,082 00	$1,695 82				4,207	$3,777 82

Week ending October 3.....	578	470	$522 00	$430 00	29	10	25	1,048	$952 00
" " " 10.....	411	380	522 00	426 66	29	10	25	791	948 66
" " " 17.....	359	390	522 00	429 16	29	10	25	749	951 16
" " " 24.....	549	470	522 00	430 00	29	10	25	1,019	952 00
" " " 31.....	497	480	522 00	430 00	29	10	25	977	952 00
	2,394	2,190	$2,620 00	$2,145 82				4,584	$4,755 82
Week ending November 7.....	513	340	$522 00	$425 00	29	10	25	853	$947 00
" " " 14.....	573	360	522 00	429 16	29	10	25	933	951 16
" " " 21.....	584	328	522 00	423 66	29	10	25	912	945 66
" " " 28.....	678	304	522 00	418 15	29	10	25	982	940 15
	2,348	1,332	$2,088 00	$1,695 97				3,680	$3,783 97
Week ending December 5.....	718	416	$522 00	$425 16	29	10	25	1,134	$947 16
" " " 12.....	741	460	522 00	427 50	29	10	25	1,201	949 50
" " " 19.....	773	389	522 00	445 16	29	11	28	1,162	967 16
" " " 26.....	697	495	522 00	478 00	29	11	28	1,192	1,000 00
" " " 31	771	420	522 00	457 33	29	11	28	1,191	979 33
	3,700	2,180	$2,610 00	$2,233 15				5,880	$4,843 15

TABLE A—Continued.

FIFTH DISTRICT. HENRY LANCASTER, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 11	1,056	660	$486 00	$448 00	27	11	25	1,716	$934 00
" " " 18	1,059	496	486 00	421 00	27	11	25	1,555	907 00
" " " 25	1,061	528	486 00	440 50	27	11	25	1,589	926 50
	3,176	1,684	$1,458 00	$1,309 50				4,860	$2,767 50
Week ending February 1	1,063	1,012	$567 00	$651 66	27	23	51	2,075	$1,218 66
" " " 8	1,068	1,020	486 00	662 66	27	24	51	2,088	1,148 66
" " " 15	1,076	549	486 00	390 50	27	11	25	1,625	876 50
" " " 22	1,068	528	483 00	443 00	27	11	25	1,596	926 00
	4,275	3,109	$2,022 00	$2,147 82				7,384	$4,169 82
Week ending March 1	1,072	660	$486 00	$446 33	27	11	25	1,732	$932 33
" " " 8	1,077	792	486 00	453 20	27	11	25	1,869	939 20
" " " 15	1,081	528	486 00	444 66	27	11	25	1,609	930 66
" " " 22	960	392	486 00	415 66	27	11	25	1,352	901 66
" " " 29	910	462	486 00	436 34	27	11	25	1,372	922 34
	5,100	2,834	$2,430 00	$2,196 19				7,934	$4,626 19

Week ending April 5	902	520	$486 00	$445 00	27	11	25	1,422	$931 00
" " " 12	795	528	486 00	441 33	27	11	25	1,323	927 33
" " " 19	898	480	486 00	428 33	27	10	25	1,378	914 33
" " " 26	886	528	477 00	448 00	27	11	25	1,414	925 00
	3,481	2,056	$1,935 00	$1,762 66				5,537	$3,697 66
Week ending May 3	898	514	$486 00	$442 67	27	11	25	1,412	$928 67
" " " 10	885	528	486 00	448 00	27	11	25	1,413	934 00
" " " 17	889	528	486 00	448 00	27	11	25	1,417	934 00
" " " 24	874	528	486 00	448 00	27	11	25	1,402	934 00
" " " 31	831	528	486 00	444 66	27	11	25	1,359	930 66
	4,377	2,626	$2,430 00	$2,231 33				7,003	$4,661 33
Week ending June 7	927	528	$486 00	$443 00	27	11	25	1,455	$929 00
" " " 14	802	528	486 00	438 83	27	11	25	1,330	924 83
" " " 21	814	528	486 00	433 00	27	11	25	1,342	919 00
" " " 28	803	528	486 00	440 50	27	11	25	1,331	926 50
	3,346	2,112	$1,944 00	$1,755 33				5,458	$3,699 33
Week ending July 5	781	524	$486 00	$434 83	27	11	24	1,305	$920 83
" " " 12	783	524	486 00	428 16	27	11	25	1,307	914 16
" " " 19	786	528	486 00	424 67	27	11	24	1,314	910 67
" " " 26	782	528	486 00	433 82	27	11	25	1,310	919 82
	3,132	2,104	$1,944 00	$1,721 48				5,236	$3,665 48
Week ending August 2	793	528	$486 00	$447 17	27	11	25	1,321	$933 17
" " " 9	760	528	486 00	448 00	27	11	25	1,288	934 00
" " " 16	720	528	474 00	439 67	27	11	25	1,248	913 67
" " " 23	775	480	486 00	400 00	27	10	22	1,255	886 00
" " " 30	722	528	486 00	438 00	27	10	25	1,250	924 00
	3,770	2,592	$2,418 00	$2,172 84				6,362	$4,590 84

TABLE A—Continued.

FIFTH DISTRICT. HENRY LANCASTER, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending September 6	743	528	$486 00	$433 00	27	11	25	1,271	$919 00
" " " 13	736	528	486 00	443 83	27	11	25	1,264	929 83
" " " 20	708	528	486 00	446 33	27	11	25	1,236	932 33
" " " 27	702	524	486 00	434 82	27	11	25	1,226	920 82
	2,889	2,108	$1,944 00	$1,757 98				4,997	$3,701 98
Week ending October 4	774	528	$486 00	$443 00	27	11	25	1,302	$929 00
" " " 11	806	524	486 00	429 00	27	11	25	1,330	915 00
" " " 18	796	504	486 00	417 33	27	11	24	1,300	903 33
" " " 25	824	528	486 00	429 66	27	11	24	1,352	915 66
	3,200	2,084	$1,944 00	$1,718 99				5,284	$3,662 99
Week ending November 1	840	528	$486 00	$448 00	27	11	25	1,368	$934 00
" " " 8	851	528	486 00	443 00	27	11	25	1,379	929 00
" " " 15	838	528	486 00	433 83	27	11	25	1,366	919 83
" " " 22	836	528	486 00	448 00	27	11	25	1,364	934 00
" " " 29	890	528	486 00	448 00	27	11	25	1,418	934 00
	4,255	2,640	$2,430 00	$2,220 83				6,895	$4,650 83

Week ending December 6	879	528	$486 00	$444 66	27	11	25	1,407	$930 66
" " " 13	884	528	486 00	447 17	27	11	25	1,412	933 17
" " " 20	878	540	486 00	458 66	27	12	27	1,418	944 66
" " " 27	870	544	486 00	498 00	27	14	27	1,414	984 00
" " " 31	834	576	474 00	481 84	27	12	27	1,410	955 84
	4,345	2,716	$2,418 00	$2,330 33				7,061	$4,748 33

SIXTH DISTRICT.

JOHN MEAGHER, Supt.

	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 5	1,201	512	$522 00	$351 12	29	10	23	1,713	$873 12
" " " 12	1,241	525	522 00	336 77	29	10	23	1,766	858 77
" " " 19	1,246	410	522 00	269 76	29	10	23	1,656	791 76
" " " 26	1,278	604	522 00	350 10	29	10	23	1,882	872 10
	4,966	2,051	$2,088 00	$1,307 75				7,017	$3,395 75
Week ending February 2	1,342	1,167	$609 00	$593 56	29	20	48	2,511	$1,202 56
" " " 9	1,363	881	522 00	560 26	29	17	49	2,244	1,082 26
" " " 16	1,320	633	522 00	370 60	29	9	23	1,953	892 60
" " " 23	1,332	672	522 00	408 32	29	10	23	2,004	930 32
	5,357	3,355	$2,175 00	$1,932 74				8,712	$4,107 74

TABLE A—Continued.

SIXTH DISTRICT.

JOHN MEAGHER, Supt.

	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total amount of Loads Removed.	Total Amount of Expenditures.
Week ending March 2	1,343	660	$522 00	$408 50	29	10	23	2,003	$930 50
" " " 9	1,346	603	522 00	378 61	29	10	23	1,949	900 61
" " " 16	1,325	664	522 00	378 27	29	10	23	1,989	900 27
" " " 23	1,301	607	522 00	362 60	29	10	23	1,908	884 60
" " " 30	1,276	665	522 00	409 16	29	10	23	1,941	931 16
	6,591	3,199	$2,610 00	$1,937 14				9,790	$4,547 14
Week ending April 6	1,277	628	$522 00	$386 07	29	10	23	1,905	$908 07
" " " 13	1,158	585	522 00	367 46	29	10	23	1,743	889 46
" " " 20	1,163	619	522 00	383 93	29	10	23	1,782	905 93
" " " 27	1,104	659	522 00	410 00	29	10	23	1,763	932 00
	4,702	2,491	$2,088 00	$1,547 46				7,193	$3,635 46
Week ending May 4	1,140	415	$522 00	$275 60	29	10	23	1,555	$797 60
" " " 11	1,107	647	522 00	403 76	29	10	23	1,754	925 76
" " " 18	1,030	622	522 00	402 12	29	10	25	1,652	924 12
" " " 25	1,050	639	522 00	404 30	29	10	25	1,689	926 30
	4,327	2,323	$2,088 00	$1,485 78				6,650	$3,573 78

Week ending June 1	1,065	619	$522 00	$401 47	29	10	25	1,684	$923 47
" " " 8	939	630	522 00	395 96	29	10	25	1,569	917 96
" " " 15	955	648	522 00	403 79	29	10	24	1,603	925 79
" " " 22	940	666	522 00	418 33	29	10	24	1,606	940 33
" " " 29	925	665	522 00	417 47	29	10	25	1,590	939 47
	4,824	3,228	$2,610 00	$2,037 02				8,052	$4,647 02
Week ending July 6	895	632	$522 00	$408 00	29	11	24	1,527	$930 00
" " " 13	878	580	522 00	386 78	29	10	25	1,458	908 78
" " " 20	785	598	522 00	406 15	29	9	25	1,383	928 15
" " " 27	784	646	522 00	418 83	29	9	25	1,430	940 83
	3,342	2,456	$2,088 00	$1,619 76				5,798	$3,707 76
Week ending August 3	791	664	$522 00	$421 66	29	10	25	1,455	$943 66
" " " 10	813	654	522 00	423 66	29	10	25	1,467	945 66
" " " 17	739	665	522 00	414 98	29	10	25	1,404	936 98
" " " 24	763	654	522 00	408 65	29	10	25	1,417	930 65
" " " 31	819	598	522 00	409 49	29	9	25	1,417	931 49
	3,925	3,235	$2,610 00	$2,078 44				7,160	$4,688 44
Week ending September 7	627	597	$522 00	$400 31	29	9	25	1,224	$922 31
" " " 14	683	665	522 00	405 78	29	11	25	1,348	927 78
" " " 21	745	711	522 00	430 10	29	11	25	1,456	952 10
" " " 28	734	724	522 00	427 32	29	11	25	1,458	949 32
	2,789	2,697	$2,088 00	$1,663 51				5,486	$3,751 51
Week ending October 5	736	731	$522 00	$431 32	29	11	24	1,467	$953 33
" " " 12	790	688	522 00	409 30	29	11	24	1,478	931 30
" " " 19	776	697	522 00	410 62	29	11	24	1,473	932 62
" " " 26	866	730	522 00	437 99	29	11	24	1,596	959 99
	3,168	2,846	$2,088 00	$1,689 24				6,014	$3,777 24

TABLE A—Concluded.

SIXTH DISTRICT. JOHN MEAGHER Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending November 2	977	731	$522 00	$437 10	29	11	25	1,708	$959 10
" " " 9	920	678	522 00	402 80	29	11	25	1,598	924 80
" " " 16	994	686	522 00	419 26	29	11	25	1,680	941 26
" " " 23	1,028	686	522 00	415 12	29	11	25	1,714	937 12
" " " 30	1,083	730	522 00	432 97	29	11	25	1,813	954 97
	5,002	3,511	$2,610 00	$2,107 25				8,513	$4,717 25
Week ending December 7	1,159	653	$522 00	$394 47	29	11	25	1,812	$916 47
" " " 14	1,284	671	522 00	398 92	29	11	25	1,955	920 92
" " " 21	1,294	694	522 00	425 56	29	11	26	1,988	947 56
" " " 28	1,224	731	522 00	452 99	29	11	26	1,955	974 99
	4,961	2,749	$2,088 00	$1,671 94				7,710	$3,759 94

TABLE B.

Report of Work Done in the Department of Street Cleaning for Each Month of the Year Ending December 31, 1895, and Amount Expended for Dumps, Tools and Incidentals; also, Total Amount of Receipts for Refuse, etc., Not Including the Work Done Under the Special Appropriation.

Month.	Salaries.	Total Number of Loads of Garbage Collected and Removed.	Total Number of Loads of Street Dirt, Sand, Snow, Ice, etc., Collected and Removed.	Cost of Collecting and Removing Garbage.	Cost of Collecting and Removing Street Dirt, Sand, Snow, Ice, etc.	Cost of the Several Dumps.	Expenditures for Tools, Incidentals, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Number of Loads of All Kinds Removed.	Total Expenditure for Work Done in the Street and Garbage Department.	Total Expenditures for Sweeping Machines and Sprinklers.	Paid to S. D. Bradford & Co. for Removal of Garbage.	Total Amount of Money Received and Paid to Comptroller.
January		22,272	12,662	$10,908 00	$ 9,947 18	$425 68	$102 80	159	68	157	34,934	$20,855 18	$ 160 00	$4,700 00	.....
February		23,752	23,302	11,820 00	14,177 25	429 00	90 05	159	96	227	47,054	25,997 25	283 91	.....	$ 25 00
March		26,002	15,843	12,702 00	11,886 07	433 00	623 15	159	68	157	41,845	24,588 07	123 00	.....	134 70
April		23,700	14,833	12,279 00	11,662 32	437 66	186 36	159	69	157	38,533	23,941 32	684 92	2,350 00	221 65
May		22,948	14,045	12,876 00	12,159 94	439 68	123 09	162	69	162	36,993	25,035 94	1,316 63	.....	122 15
June		21,752	14,051	12,450 00	11,788 36	412 33	121 11	162	69	161	35,803	24,238 36	663 09	.....	.....
July		20,256	14,598	12,780 00	12,761 42	420 34	78 62	162	70	164	34,854	25,541 42	993 88	2,350 00	169 05
August		20,753	15,053	13,452 00	12,974 68	437 00	69 40	162	71	164	35,806	26,426 68	903 73	.....	137 65
September		18,295	14,082	12,006 00	11,831 01	429 00	145 75	162	72	164	32,377	23,837 01	1,498 66	.....	.....
October		18,912	14,831	12,936 00	12,917 63	434 34	120 17	162	72	164	33,743	25,853 63	1,147 10	.....	.....
November		20,819	14,233	12,936 00	12,594 64	443 00	133 75	162	72	165	35,052	25,530 64	1,412 83	.....	.....
December		24,521	15,932	13,752 00	14,223 14	381 68	190 52	162	76	179	40,453	27,975 14	1,451 09	.....	125 50
Total	$9,999 77	263,982	183,465	$150,897 00	$148,923 64	$5,122 71	$1,984 77				447,447	$299,820 64	$10,638 84	$9,400 00	$935 70

TABLE C.

Recapitulation.

Total number of loads of garbage and ashes collected and removed from January 1 to December 31, 1895, inclusive ..	263,982	
Total number of loads of street dirt, sand, etc., collected and removed from January 1 to December 31, 1895, inclusive.	183,465	
Total number of loads of all kinds removed during the year 1895	447,447	
Total amount paid for collecting and removing garbage and ashes from January 1 to December 31, 1895, inclusive....	$150,897	00
Total amount paid for collecting and removing street dirt, sand, etc., from January 1 to December 31, 1895, inclusive.	148,923	64
	$299,820	64
Amount of money received for refuse, etc., from January 1 to December 31, 1895, inclusive	$935	70

TABLE D.

Showing the Amount of Animal and Vegetable Garbage Delivered to Contractors at Canton and Winan's Cove Dumps.

1895. Months.	Canton Dump.	Number of Loads.
January	John Hughes, Superintendent	1,469
February	" " "	1,469
March	" " "	1,827
April	" " "	1,478
May	" " "	2,215
June	" " "	3,082
July	" " "	3,578
August	" " "	5,288
September	" " "	3,932
October	" " "	2,742
November	" " "	2,865
December	" " "	1,514
		31,459

1895. Months.	Dumps Nos. 2 and 3—Winan's Cove and Ranstead's Wharf.	Number of Loads.	Total.
January	Louis S. Fefel, Superintendent	2,447	3,916
February	" " "	2,320	3,789
March	" " "	2,460	4,287
April	" " "	3,473	4,951
May	" " "	3,980	6,195
June	Patrick Glynn, "	3,021	6,103
July	" " "	3,152	6,730
August	" " "	4,350	9,638
September	" " "	3,217	7,153
October	" " "	2,620	5,362
November	" " "	2,775	5,640
December	" " "	1,457	2,971
		35,272	66,735

TABLE E.

Showing Disbursements for Year Ending December 31, 1895.

Total amount expended for collecting and removing garbage, ashes, street dirt, etc., from January 1 to December 31, 1895	$299,820 64
Amount expended for dumps from January 1 to December 31, 1895	5,122 71
Amount expended for salaries from January 1 to December 31, 1895	9,999 77
Amount expended for sweeping machines, sprinklers, etc., from January 1 to December 31, 1895	10,638 84
Amount expended for tools from January 1 to December 31, 1895	1,984 77
Paid to S. D. Bradford & Co. for removal of garbage	9,400 00
Total	$336,966 73
Amount of appropriation for the Department of Street Cleaning for the year 1895	$349,313 00
Amount of appropriation expended	336,966 73
Total unexpended balance	$12,346 27

TABLE F.

Showing Amount Expended for Removal of Garbage, Street Dirt, etc., in the City Annex, and Salary of Superintendent.

SEVENTH DISTRICT. JOSEPH McGEE, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 5	529	220	$252 00	$172 24	14	5	12	749	$424 24
" " " 12	550	287	252 00	199 16	14	5	13	837	451 16
" " " 19	580	200	252 00	153 66	14	5	12	780	405 66
" " " 26	561	230	252 00	225 00	14	5	12	791	477 00
	2,220	937	$1,008 00	$750 06				3,157	$1,758 06
Week ending February 2	552	475	$294 00	$189 83	14	5	12	1,027	$483 83
" " " 9	580	267	252 00	177 50	14	5	12	847	429 50
" " " 16	550	375	252 00	199 96	14	5	13	925	451 96
" " " 23	546	300	252 00	225 00	14	5	12	846	477 00
	2,228	1,417	$1,050 00	$792 29				3,645	$1,842 29
Week ending March 2	549	313	$252 00	$208 33	14	5	12	862	$460 33
" " " 9	542	243	252 00	173 29	14	5	12	785	425 29
" " " 16	539	245	252 00	200 83	14	5	12	784	452 83
" " " 23	530	175	252 00	153 33	14	5	12	705	405 33
" " " 30	505	253	252 00	210 00	14	5	12	758	462 00
	2,665	1,229	$1,260 00	$945 78				3,894	$2,205 78

TABLE F—Continued.

SEVENTH DISTRICT. JOSEPH McGEE, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending April 6	510	230	$252 00	$193 92	14	5	12	740	$445 92
" " " 13	483	194	252 00	174 96	14	5	12	677	426 96
" " " 20	482	192	252 00	189 96	14	5	12	674	441 96
" " " 27	466	242	252 00	210 00	14	5	12	708	462 00
	1,941	858	$1,008 00	$768 84				2,799	$1,776 84
Week ending May 4	462	168	$252 00	$138 26	14	5	12	630	$390 26
" " " 11	440	236	252 00	210 00	14	5	12	676	462 00
" " " 18	535	228	270 00	205 33	15	5	12	763	475 33
" " " 25	499	191	270 00	189 13	15	5	12	690	459 13
	1,936	823	$1,044 00	$742 72				2,759	$1,786 72
Week ending June 1	506	212	$270 00	$189 92	15	5	12	718	$459 92
" " " 8	523	236	270 00	209 16	15	5	12	759	479 16
" " " 15	496	227	270 00	207 00	15	5	12	723	477 00
" " " 22	522	222	270 00	208 33	15	5	12	744	478 33
" " " 29	511	241	270 00	225 00	15	5	12	752	495 00
	2,558	1,138	$1,350 00	$1,039 41				3,696	$2,389 41

Week ending July 6	457	205	$270 00	$210 00	15	6	12	662	$480 00
" " " 13	472	254	270 00	205 82	15	5	12	726	475 82
" " " 20	459	253	270 00	210 00	15	5	12	712	480 00
" " " 27	454	247	270 00	225 00	15	5	12	701	495 00
	1,842	959	$1,080 00	$850 82				2,801	$1,930 82
Week ending August 3	452	212	$270 00	$208 50	15	5	12	664	$478 50
" " " 10	500	227	270 00	210 00	15	5	12	727	480 00
" " " 17	513	223	270 00	208 33	15	5	12	736	478 33
" " " 24	507	202	270 00	210 00	15	5	12	709	480 00
" " " 31	485	210	270 00	225 00	15	5	12	695	495 00
	2,457	1,074	$1,350 00	$1,061 83				3,531	$2,411 83
Week ending September 7	497	233	$270 00	$207 50	15	5	12	730	$477 50
" " " 14	510	256	270 00	174 96	15	5	12	766	444 96
" " " 21	512	224	258 00	206 66	15	5	12	736	464 66
" " " 28	507	270	270 00	207 00	15	4	12	677	477 00
	2,026	883	$1,068 00	$796 12				2,909	$1,864 12
Week ending October 5	480	215	$264 00	$208 33	15	5	12	695	$472 33
" " " 12	549	203	270 00	191 59	15	5	12	752	461 59
" " " 19	492	218	270 00	192 42	15	5	12	710	462 42
" " " 26	457	202	270 00	225 00	15	5	12	659	495 00
	1,978	838	$1,074 00	$817 34				2,816	$1,891 34
Week ending November 2	435	204	$270 00	$206 66	15	5	12	639	$476 66
" " " 9	457	199	270 00	206 66	15	5	12	656	476 66
" " " 16	487	219	270 00	207 00	15	5	12	706	477 00
" " " 23	475	202	270 00	206 59	15	5	12	677	476 59
" " " 30	474	191	270 00	201 99	15	5	12	665	471 99
	2,328	1,015	$1,350 00	$1,028 90				3,343	$2,378 90

TABLE F—Continued.

SEVENTH DISTRICT. — JOSEPH McGEE, Supt.	Garbage and Ashes Removed.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, etc.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending December 7.....	491	203	$270 00	$206 66	15	5	12	694	$476 66
" " " 14.....	493	189	261 00	184 76	15	5	12	682	445 76
" " " 21.....	558	221	270 00	213 32	15	5	13	779	483 32
" " " 28.....	571	210	270 00	235 00	15	5	13	781	505 00
	2,113	823	$1,071 00	$839 74				2,936	$1,910 74

TABLE F—Concluded.

Showing Amount Expended, Etc.

Amount of appropriation		$26,085 00
Amount expended for removing garbage and ashes from January 1 to December 31, 1895	$13,713 00	
Amount expended for removing street dirt, sand, etc., from January 1 to December 31, 1895	10,433 80	
Salary of Superintendent, from January 1 to December 31, 1895	999 97	
		25,146 80
Unexpended balance		$938 20

TABLE G.

Work Done Under the Special Appropriation, as per Ordinance No. 2. Approved February 13, 1895.

FIFTH DISTRICT. HENRY LANCASTER, Superintendent.	Street Dirt, Sand, etc., Removed.	Cost of Revoval of Street Dirt, Sand etc.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending Feb. 15...	1,250	$721 33	54	55	1,250	$721 33
" " " 21...	936	742 66	24	43	936	742 66
" " " 28...	2,170	1,453 50	37	83	2,170	1,453 50
	4,356	$2,917 49			4,356	$2,917 49
Week ending March 7..	2,268	$1,268 50	37	84	2,268	$1,268 50
" " " 11..	884	734 83	37	83	884	734 83
	3,152	$2,003 33			3,152	$2,003 33
FOURTH DISTRICT, JAS. F. BUSEY, Supt.						
Week ending Feb. 15...	1,603	$859 32	60	58	1,603	$859 32
" " " 21...	1,076	780 33	25	40	1,076	780 33
" " " 28...	3,120	1,720 15	52	79	3,120	1,720 15
	5,799	$3,359 80			5,799	$3,359 80
Week ending March 7..	2,498	$1,422 50	51	79	2,498	$1,422 50
" " " 11..	1,377	854 00	51	79	1,377	854 00
	3,875	$2,276 50			3,875	$2,276 50
SECOND DISTRICT, G. E. McCAULEY, Supt.						
Week ending Feb. 15...	2,060	$ 839 91	63	68	2,060	$ 839 91
" " " 21...	1,972	1,047 61	24	65	1,972	1,047 61
" " " 28...	6,570	2,217 89	54	131	6,570	2,217 89
	10,602	$4,105 41			10,602	$4,105 41
Week ending March 7..	3,852	$1,882 56	55	131	3,852	$1,882 56
" " " 11..	2,377	1,133 02	54	130	2,377	1,133 02
	6,129	$3,015 58			6,129	$3,015 58

TABLE G—Continued.

SENENTH DISTRICT. JOSEPH McGEE, SUPERINTENDENT.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Street Dirt, Sand, etc.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total amount of Expenditures.
Week ending Feb. 16...	745	$200 92	25	22	745	$200 92
" " " 21...	656	483 79	16	27	656	483 79
" " " 28...	1,380	944 87	25	60	1,380	944 87
	2,781	$1,629 58			2,781	$1,629 58
Week ending March 7..	1,125	$829 80	25	57	1,125	$829 80
" " " 11..	684	467 24	25	55	684	467 24
	1,809	$1,297 04			1,809	$1,297 04
SIXTH DISTRICT. JNO. MEAGHER, SUPT.						
Week ending Feb. 16 ...	1,085	$ 576 15	58	60	1,085	$ 576 15
" " " 21 ...	1,508	803 91	28	47	1,508	803 91
" " " 28 ...	2,848	1,689 27	43	95	2,848	1,689 27
	5,441	3,069 33			5,441	$3,069 33
Week ending March 7..	2,367	$1,396 18	43	94	2,367	$1,396 18
" " " 11..	1,339	784 13	40	87	1,339	784 13
	3,706	$2,180 31			3,706	$2,180 31
FIRST DISTRICT, GEO. W. TRUMBO, SUPT.						
Week ending Feb. 18...	1,000	$ 573 07	44	54	1,000	$ 573 07
" " " 21...	1,680	1,105 66	28	60	1,680	1,105 66
" " " 28...	3,200	2,150 00	54	120	3,200	2,150 00
	5,880	$3,828 73			5,880	$3,828 73
Week ending March 7..	2,160	$1,801 27	54	121	2,160	$1,801 27
" " " 11..	1,864	1,081 00	54	120	1,864	1,081 00
	4,024	$2,882 27			4,024	$2,882 27

TABLE G—Continued.

THIRD DISTRICT, MICH'L FADGEN, Superintendent.	Street Dirt, Sand, etc., Removed.	Cost of Removal of Street Dirt, Sand, etc.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending Feb. 16...	1,044	$ 660 50	42	40	1,044	$ 660 50
" " " 21...	1,458	957 16	28	50	1,458	957 16
" " " 28...	2,651	1,753 66	48	99	2,651	1,753 66
	5,153	$3,371 32			5,153	$3,371 32
Week ending March 7..	2,113	$1,412 00	47	94	21,113	$1,412 00
" " " 14..	1,116	827 66	47	89	1,116	827 66
	3,229	$2,239 66			32,229	$2,239 66

TABLE G—Concluded.

Report of Work Done in the Department of Street-Cleaning Under the Special Appropriation of $40,000 During the Following Months:

Months.	Total Number of Street Carts Employed.	Total Number of Sweepers and Scrapers Employed.	Total Number of Loads of Ice, Snow and Street Dirt Collected and Removed.	Total Expenditure for Collecting and Removing Ice, Snow and Street Dirt.
February	277	452	40,012	$22,281 66
March	310	651	26,024	15,894 69
Total			66,036	$38,176 35
Tools and repairs			$837 14	$38,176 35
Unexpended balance			986 51	1,823 65
				$40,000 00

ANNUAL REPORT

— OF THE —

CITY COMMISSIONER

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

City Commissioner's Office,

Baltimore, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

Gentlemen.—I have the honor to submit herewith the Annual Report of work done by this department during the year 1895. The accompanying detailed reports of the officials in immediate charge of the different sub-divisions of this department show the character, amount and cost of the work done.

The appropriations made for repairs to streets, bridges and sewers for the past year were entirely inadequate, and will necessitate a proportionately larger appropriation for the present year.

STREETS.

The sum of $75,000, appropriated for the repairs of paved streets, was entirely exhausted about October 4, since which time only what were considered to be absolutely necessary repairs to protect the public from accident and the city from law-suits have been undertaken. The condition of the streets in all parts of the city is, at the present time, deplorable, and liberal appropriations should promptly be made for the needed repairs. I would call attention particularly to the sheet asphalt paved streets adjacent to and surrounding the following market-houses, viz.: Marsh, Hanover, Cross and Lafayette, and also to the pavements of the same material around the City Hall. The asphalt surface has been worn into holes and ruts down to the concrete base by the action of decomposing vegetable matters, acids, etc., as well as by the stamping of horses, which are left to stand for hours in the same place. It is absolutely necessary that repairs should be undertaken as soon as the weather will permit, and for this purpose I recommend an appropriation of $10,000. The estimated area to be repaired is five thousand (5,000) square yards at $2.00 per yard. This in-

cludes the necessary work to be done on other streets with sheet asphalt, and is included in the $100,000 asked for for repairs of streets.

A great deal has been said about the unsatisfactory condition of Mount Royal avenue throughout its entire length, from Guilford avenue to the entrance to Druid Hill Park. This thoroughfare is one of the principal driveways to the Park and Northern Annex, and the heavy travel upon it has badly cut up its graveled surface. During the greater portion of the year, when it is not watered, the dust is an insufferable nuisance, not only to the people using the street, but to the residents of the neighborhood for several blocks on either side. Paved with sheet asphalt, or some other smooth pavement, this wide and handsome avenue would be an ornament to the city.

In selecting streets to be repaved out of the small balance left from the Six Million Loan, I would respectfully suggest that Aliceanna street, between Boston and Caroline streets, be not overlooked. The condition of this street is such that unless it is repaved with granite blocks, it will have to be repaved, *not repaired*, from kerb to kerb, with cobble stones.

The most important east and west thoroughfare in the northern part of the city is North avenue. This street extends from Walbrook on the west to Gay street on the east, and it is nowhere well paved. That portion between Greenmount avenue and Gay street has been partially paved along the edges with "cobble" stones, while the centre of the street is little better than a dirt road. To the west, from about the Western Maryland Railroad crossing to Walbrook, the street has never been widened to its proper width, and in many places it is dangerous to drive between the car tracks and the gutters. A sufficient appropriation to widen this avenue to its full width, preparatory to paving it later on, would be very greatly appreciated by the large number of people using this, the only east and west thoroughfare between Walbrook and its vicinity and Fulton avenue.

The city entered into an agreement with the Carroll estate and the Ransteads to grade, pave and kerb Herkimer street from Carey to Bush streets, and Bush street from James street to the water front. For this purpose $8,000 was set apart in the levy for 1895. This amount was totally inadequate, and has been about expended in the grading of Herkimer street and a portion of Bush street, and paving and kerbing Herkimer street from Carey to Bayard. The

estimated amount necessary to complete this work is $20,000, using the old material now in the City Yards.

Another contract was made by the city with the Papplers, Ellingers and Mandersons to grade, pave and kerb Patapsco street, from Baltimore to Monument, entirely at the cost of the city through the first two named properties, and through the latter to pay all the cost of grading and one-half of the paving and kerbing. This work was to have been done within one year after the Patapsco-street sewer was completed to Monument street, which was in the spring of 1889. Nothing has been done towards carrying out this agreement. The estimated cost to the city is $12,000, using old material from streets to be paved with improved pavements. It was further agreed with the Ellingers that the city would pay all the assessment against this property for the grading of Luzerne street, and one-half of the assessment for the paving and kerbing. The city's share in this case will be about $8,000.

REPAIRS TO STREETS AND BRIDGES IN THE ANNEX.

The appropriation for this purpose, $17,432.00, was entirely expended about November 19; since then very little work has been done, and only when it was thought to be expedient. The condition of the roads and streets in this section of the city has been the subject of a great deal of complaint, and it is desirable that a liberal appropriation should be made to put them in first rate order.

BRIDGES.

Owing to the very small appropriation ($4,000.00) for "Repairs of Bridges," which was entirely used up by June 7, and the very bad condition of a large number of the bridges in the city, it was absolutely necessary to exceed this amount, causing a deficiency of $4,644.70.

I cannot too strongly urge the advisability of setting apart the sum of $15,000.00 asked for for repairs. Streets and sewers can be neglected without any great danger to the public, but bridges must be kept in safe condition in order to prevent accident and possible loss of life. In this connection I would call your attention to the report of the engineer in charge of bridges, and particularly to that part of it in which he refers to the St. Paul, Calvert and Guilford-avenue bridges. These handsome and expensive structures

are in great need of a thorough overhauling and repainting. The estimated cost of this work is $5,000.00, and is included in the $15,000.00 asked for for repairs.

WILKENS-AVENUE BRIDGE OVER GWYNN'S FALLS.

Mr. Frederick H. Smith, Bridge Engineer, said in his report two years ago: "This is one of the old bridges built by the county and inherited by the city. It is a wooden bridge, nineteen years old, forty feet wide over all, four hundred and forty feet long, in four spans. Two of these spans are trestled up, but the other two, although much patched from time to time, are still acting as arched trusses, but are very shaky. The masonry carrying the bridge is in fairly good condition, and can be reinforced and adapted, at reasonable cost, to receive an iron bridge." He estimates the total cost at $36,000.00. I most earnestly recommend that this bridge be rebuilt of iron at the earliest possible date, and that for this purpose $17,300.00 left from the appropriation for "Building and Rebuilding Bridges" out of the Six Million Loan, as well as any balance that may be left from the North-avenue bridge, and the balances from North Monroe street ($2,406.14), and Edmondson-avenue bridge ($621.17), be reappropriated. Should there not be enough to complete the entire bridge, it would be advisable to use it so far as it would go towards building several of the spans, the other span or spans to be completed at a later date out of another appropriation.

THE BARRE-STREET BRIDGE,

which is to span the tracks of the Belt Railroad at the intersection of Barre and Howard streets, should be built at an early date by the Maryland Construction Company. The temporary wooden structure at present in use at this point being too narrow to satisfactorily accommodate the travel.

SEWERS.

The following sewers, which have been under construction for some time, will shortly be completed, viz.: The extension of the Patapsco-street sewer, Fort-avenue sewer, Charles-street sewer and Bruce-alley sewer. At the same time the construction of Brice-alley, Fremont-street, Alluvion-street and Presstman-street sewers is being pushed as

rapidly as the weather will permit. Piles are being driven for the foundation of the Alluvion-street sewer, which will be ready for the masonry in the spring.

DRUID HILL-AVENUE INTERCEPTING SEWER.

Work on this sewer came to an end in the latter part of the past summer, owing to insufficient funds. The importance of completing this sewer cannot be questioned. A very large amount of money has been expended in the construction of this sewer, but without any considerable benefit being derived as yet, owing to the fact that the connection has not yet been made with the Druid Hill-avenue sewer, and that no inlets have been constructed west of John street. Only about fifty-three (53) feet remains to be constructed to complete the sewer. There are, however, a number of inlets which it is advisable to put in along the line of the sewer. The estimated cost of completing this work is $15,000.

During the unusually heavy rainfall of September 6, 1895, the sewer known as "Jenkins Run Sewer" was wrecked at the west side of Greenmount avenue, between North and Lafayette avenues. Three houses were practically destroyed—two entirely so, and one so badly damaged that it will probably have to be torn down. The sewer at this point was built twenty years or so ago by the Belvidere Land Company. It is built of rubble stone, laid in lime mortar on a foundation of one thickness of planks, which also forms the bottom of the sewer upon which the water runs. The condition of this part of the sewer, from Federal street to Greenmount avenue, is very bad, and if the use of it is to be continued, will have to have a granite block or other stone, or brick bottom, as well as extensive repairs to the walls and arch.

I am informed that the Belvidere Land Company applied to the City Commissioner some years ago to accept this from them as one of the city sewers. This he declined to do, on account of its poor construction.

A sewer should be built by the city to drain the watershed now drained by this (Jenkins Run) sewer, from the end of the city's sewer, at the intersection of Federal street and Carter alley, east in the bed of Federal street to Greenmount avenue, thence north in the bed of Greenmount avenue to a junction with the Jenkins Run sewer.

It was found to be absolutely necessary to exceed the appropriation for "Repairs to Sewers," which was entirely

consumed about the 23d of last April. Between that time and the 6th of September no work was done towards repairing sewers. Since September 6, on account of the heavy rain storm, it has been necessary to make such repairs as the safety of the public demanded. The appropriation was exceeded by $4,268.14.

I wish to call attention particularly to the recommendations contained in the admirable report of the "Street Paving Commission," to the Mayor and City Council on May 21, 1894. Should these recommendations be carried out, the result would be a decided improvement in the streets of the city.

In reference to recommendation No. 13, "That no street be opened for any purpose without a permit and a deposit sufficient to cover the cost of repairs." This recommendation does not entirely meet my views. I decidedly think that the best course to pursue would be to require any one desiring to dig up the streets for any purpose whatever to give a sufficient bond to guarantee the proper restoration of the surface of the street, and to keep it in repair, as well as to pay the expenses of an Inspector, to be appointed by the City Commissioner, at the rate of $3 per day until the street is restored to its original condition. The duties of this Inspector would be to see that the work was done in a thorough and workmanlike manner; in the case of sewer pipes, to see that the pipes are laid in a satisfactory manner as to line and grade, and that the joints are properly caulked. If this were properly looked after, there would not be the everlasting tearing up of the streets to repair drain pipes that now exists. His duties would also be to see that the earth put back in the trenches and other excavations is properly rammed to avoid as much as possible the settling which is inevitable to some extent; also to look after the satisfactory relaying of the street surface and foundations. The Inspector should be required to make all the necessary measurements to locate the position of the pipe or other structures, so that a correct plan could be made to scale, to be filed for future reference. At the present time there is no proper record of the location of private sewers; consequently, when a sewer breaks, which is a very frequent occurrence, it is almost impossible to find the owner to have it repaired.

Recommendation No. 14 of "The Street Paving Commission" I consider well worthy of more careful consideration

than has heretofore been accorded it: "That upon future street railway extensions, a full grooved girder rail shall be used upon all paved streets." The present style of rail in use in this city is an obstruction to travel and injurious to vehicles crossing or turning out of the tracks.

I beg to recommend the passage of an ordinance to regulate the width of tires on the wheels of all vehicles using the paved streets of the City of Baltimore. In this connection I will refer you to the report of the Department of Public Works of the City of Philadelphia for the year 1894. The following extract needs no comment: "During the repaving of Broad street in 1892 the omnibuses with their narrow tires were obliged to run on adjacent streets, and in fourteen days the damage to these streets amounted to $6,000. The tires were widened on these vehicles in 1893, and in 1894, while repaving North Broad street, these same omnibuses, with the widened tires, ran on cobble-paved streets for six weeks and made no perceptible disruption of the paving." The ordinance regulating this matter in Philadelphia is as follows:

AN ORDINANCE

TO REGULATE THE WIDTH OF TIRES ON THE WHEELS OF ALL VEHICLES FOR THE BETTER PROTECTION OF THE STREET PAVEMENTS.

SECTION 1. *The Select and Common Councils of the City of Philadelphia do Ordain,* That from and after the passage of this ordinance, all vehicles running upon the streets of the City of Philadelphia shall have the tires on the wheels regulated so as to conform to the following widths, viz.: Where the load per wheel is from one-half to three-quarters of a ton, or less, the width of the tire shall not be less than three (3) inches; where the load per wheel is from three-quarters of a ton to one ton, the width of the tire shall not be less than four (4) inches; where the load per wheel is from one ton to two and one-half tons, the width of the tire shall not be less than six (6) inches: *provided* that where the length of the front axle shall be six (6) inches or more less than the length of the hind axle, the width of the tire may be reduced one inch. *And provided further* that in no case shall the width of the tire be less than three (3) inches where the weight of the load is one ton per wheel.

SEC. 2. Where the weight of the load is ten (10) tons, or

in excess thereof, the width of the tire shall be regulated in proportion thereto, and no such loads shall be permitted to be hauled over any of the pavements in the city without permit having first been obtained from the director of the Department of Public Safety, in which the weight of the load shall be stated, and the width of the tire, proportionately regulated thereto, shall also be stated.

Sec. 3. The provisions of Section 1 of this ordinance shall not go into effect until July 1, 1895; the provisions of Section 2 shall go into effect immediately after the passage of this ordinance. The penalty for violating any of the provisions of this ordinance shall be fifty dollars ($50), to be recovered as debts of like amount are now by law recoverable. All ordinances or parts of ordinances inconsistent herewith be and the same are hereby repealed.

The City of Buffalo, N. Y., in 1892 passed an ordinance to the same effect.

Attention is called to the reckless and unauthorized paving, by private individuals, of private as well as public streets. This practice I have broken up, and now no paving is being done without the proper authority, as provided by law, having first been obtained, and a bond filed, approved by the Mayor, to keep the street in good order for two (2) years. I have succeeded in getting the names of contractors and owners who have paved streets within the past two years, and have secured bonds from some of them, and shall do so, as opportunity arises, from the others.

Nearly one mile of abandoned car tracks have been removed by the railway companies during the past six weeks, and the streets restored in a satisfactory manner, viz.:

Name of Streets.			Linear Feet of Single Track.	Linear Feet of Double Track.
Streets.	From.	To.		
Liberty	Fayette	Near Balto. st.		115 feet 6 inches, including turntable. This was done by C. & S. Ry.
Mosher	Carey	Gilmor	1,180	Traction Co.
Stricker	Lafayette	Calhoun	2,765	
Calhoun	Stricker	Gilmor	593	
Total			4,769 feet single track.	

The Baltimore and Ohio Railroad Company also removed a section of track at the southeast corner of Howard and Pratt streets, which crossed the sidewalk at this place. These tracks were removed in the case of the City and Suburban Railway Company and the Baltimore and Ohio Railroad Company at my request; in the case of the Traction Company without having received a notice to that effect. There are a number of other abandoned tracks which should be removed from the streets, and which I am now endeavoring to accomplish.

PERMITS.

During the year 1895, 1,673 permits were issued for various purposes, most of them being for laying and repairing drain-pipes. The city is put to a great deal of expense in the issuing of permits which should be borne by the applicant therefor. I would suggest, therefore, that a nominal sum of fifty cents be required to be deposited by the applicant before the application for a permit be considered. By this means a portion of the expense incurred would be met without placing a burden upon the persons desiring permits.

GUTTER-PLATES.

It has been the custom of the past to allow the different railroads, in crossing gutters, to construct gutter-plates between their tracks and two feet outside, leaving the remaining portion of the gutters open and a very dangerous place in the street at the end of the plates. Doubtless there have been many accidents due to this cause, and the free use of the streets to the public has been encroached upon. In many cases the city has, at its own expense, extended the gutter-plates to the kerb and building lines. In the case of Baltimore, Edmondson Avenue, Ellicott City and Catonsville Electric Railway Company, now building into the city, I considered that the ordinance under which they are working gave the City Commissioner the right to require gutter-plates to be extended across the street at the expense of the railroad company, and this the railroad people have agreed to do. I would suggest the propriety of an ordinance requiring the railway companies now operating in the city to extend their gutter-plates to the building or kerb lines, as the City Commissioner may direct. I would further suggest that in granting the right in future to corporations to use the streets of the city for railway tracks, it should be distinctly stated

in the ordinance that they will be required to extend the gutter-plates at all gutter crossings to the kerb or building lines, as may be considered necessary.

SALARIES.

It has been customary in asking for appropriations for this department each year to include in the amount asked for salaries only the salaries of the City Commissioner, three Assistant City Commissioners and the Clerk to the City Commissioner, charging other salaries to various other appropriations. It seems to me that it is entirely proper when the work is done in connection with that for which the appropriarion is made. But there are many cases in which there is no appropriations to which the work can be properly charged. I have therefore asked for $32,950 for salaries for the year 1896.

CROSS STREETS.

I desire to make an explanation of the reason for asking for such a large appropriation for cross streets ($60,000). There are at present between fifty and sixty ordinances for paving streets with original pavement, twenty-two of which are under contract; work on the others is being pushed as rapidly as possible, preparatory to asking for bids and making the assessments. The city's share of the assessments on the streets now under contract is about $13,000, and it is absolutely necessary that at the very least this amount should be appropriated, as the property owners are now paying in to the collector the amounts assessed against them. If no more than $13,000 be appropriated, then all work on the other ordinances, many of which are three to four years old, will have to cease, and any new ordinances passed will have to wait another year before it is possible to do any work on them.

In conclusion, I desire to say that all the provisions of the ordinances relating to paving and repaving, as well as the duties assigned to the City Commissioner, have been complied with as far as the limited means at hand would allow.

Respectfully,

JANON FISHER, *City Commissioner.*

REPORT OF FREDERICK H. SMITH, CHIEF ENGINEER NORTH-AVENUE AND OTHER BRIDGES.

BALTIMORE, MD., December 31, 1895.

Janon Fisher, Esq., Civil Engineer, City Commissioner:

DEAR SIR.—Referring to my report of December 31, 1894, I beg to report further as follows, viz.:

COLUMBIA-AVENUE BRIDGE over Gwynn's Falls, which was in course of reconstruction in 1894, was completed in May, 1895, at a total cost of $20,997.65, out of a total appropriation of $27,000, and $6,000 of the balance was transferred to North-avenue bridge account by the Mayor and City Council. The old Columbia-avenue bridge was a very old wooden country road, single track, bridge, which had been remodeled and raised by the city, but the approach grades were still difficult. The new bridge is a full size steel city bridge, 120 feet long by 60 feet wide, divided into two roadways of 20 feet each, and two footways of 10 feet each on centres. The new abutments are built behind the old ones, and the bridge raised to remove the difficult approach grades, the work being conducted without obstruction to traffic. The Youngstown Bridge Company were the contractors, with C. R. Weaver sub-contractor for the substructure, and J. W. Lauer sub-contractor for erection of superstructure.

EDMONDSON-AVENUE BRIDGE over the Baltimore and Potomac Railroad, which was in course of construction at the date of my report for 1894, was completed in May, 1895, at a total cost of $25,378.83, out of a total appropriation of $30,000, and of the balance thus left, the sum of $4,000 was transferred to North-avenue bridge account by the Mayor and City Council; the old bridge at this point was 55 feet long by 60 feet wide, in two roadways of 20 feet and two footways of 10 feet each on centres, and was an old iron railroad bridge removed to this point and erected for the county by the railroad

company. The new bridge is 80 feet long by 100 feet wide, divided into two railways of 12½ feet each in middle of bridge, and two footways of 12½ feet each on outside of bridge, with two street driveways of 25 feet each on centres, between the footways and railways, these two street driveways being entirely free of street railway tracks. The three centre trusses of the new bridge are those which were formerly in the old Baltimore-street bridge over Jones' Falls, as are also many of the iron floor beams, while the two outer trusses and balance of floor system are of new materials shaped on the old patterns, reinforced in sectional areas, to meet the additional new strains. The Youngstown Bridge Company were the contractors for the new bridge, with E. J. Codd & Co. sub-contractors for much of the shop work, and Patrick Conway sub-contractor for the substructure. The new abutments were built behind the old ones, and the work was carried on without obstruction to traffic, either of the steam cars under the bridge, or the street cars and the public over the bridge. The materials of the old iron bridge are stored in the city's Belair yard, and can be remodeled to fit some other opening. The full width of the new bridge cannot be utilized until the bed of Edmondson avenue east of the bridge is filled up and out, and parked in accordance with the terms of dedication by the Abell estate.

North Monroe-street Bridge over Western Maryland and Baltimore and Potomac Railroad properties at Fulton Station, which was under construction in 1894, was completed in May, 1895, at a total cost of $21,600.05, of which $11,232.03 (52 per cent.) was paid directly to the contractor by the Baltimore and Potomac Railroad Company, and of the balance, $10,368.02 (48 per cent.), the city has paid $10,293.86, leaving $74.16 in our hands to be used on north end parapet wall when the street through the Western Maryland Railroad Company's freight yard shall be constructed. The city's appropriation for its share of this improvement was $12,700; so that there is $2,331.98 left unused after completing the north end parapet at a cost of $74.16. The bridge is of steel, in two spans of 96 feet each long by 66 feet wide, in two roadways of 22 feet each and two footways of 11 feet each, all on centres. The abutments are of stone masonry, and the pier is composed of three of the old cast-iron columns taken out of the old North-avenue bridge and set on masonry base pedestals. Jones, Pollard & Co. were the contractors, with the

A. & P. Roberts Company, of Pencoyd, Pennsylvania, subcontractors for the superstructure.

North-avenue Bridge over Jones' Falls, Falls road, Baltimore and Lehigh Railroad, Northern Central Railway, Baltimore and Ohio (Belt Line) Railroad, Baltimore and Potomac Tunnel, and Western Maryland Railway "right-of-way," which was under construction last year, is now nearly completed, and full completion may be expected in May, 1896.

The main bridge contract with L. B. McCabe & Brother was completed and final estimate given May 22, amounting to $332,210.77, on which our total payments amounted to $317,642.57, leaving $14,568.20 still due contractors, there being no balance available at that time out of which to pay this.

The great risks to life and property resulting from a possibly indefinite continuance of the dangerous grade crossings at the west end of the old temporary bridge, and our inability to get the Baltimore Belt Railroad officers to "do something" under their agreement to construct the approaches, induced Mayor Latrobe to agree to arbitrate the matters at issue between the city and the railroad company, and on May 27 I was appointed arbitrator for the city to meet William T. Manning, Chief Engineer Baltimore and Ohio Railroad Company, arbitrator for the railroad, with Charles A. Hook, Assistant City Commissioner, to act as umpire in case of disagreement.

After many conferences we found it necessary to call in Mr. Hook, and on July 1 he rendered a decision in accordance with which a contract was signed July 25, 1895, between Mayor Latrobe for the city, Charles F. Mayer for the Maryland Construction Company, and L. B. McCabe & Brother for themselves as contractors, by which the city stepped into the shoes of the Construction Company in the matter of the contract of August 19, 1892, with McCabe for the construction of the approaches, and the Construction Company to pay to the city on August 1 the sum of $30,000; on September 1, $25,000; on October 1, $25,000; on November 1, $21,824.61, making in all $101,824.61. This was in addition to the $22,350.78 which they had already paid McCabe for work done in 1892–3, making in all $124,175.39 as the total contribution of the Baltimore Belt Railroad Company to this work.

In order to avoid further dangerous delay, Mayor Latrobe, at the time he agreed to arbitrate the matter, also issued

orders to proceed with the construction of the approaches under the McCabe contract, and this construction was promptly started and steadily carried on until stopped by the severe weather. In order to expedite the work, and at the same time to shorten the danger from the grade crossing, a portion of the west approach was covered by a temporary structure, and all street railways and public travel diverted over this and over the main bridge on the high level, and the old low level temporary bridge was removed.

The main bridge and east approach are paved and kerbed, and the sewer-inlets, etc., at Oak street and at McMechen street are completed. The west approach masonry is completed, except some retaining walls at McMechen street and at Elm street (where we may possible substitute filling), and also except some reconstruction of disturbed walls for portal and bridge seats over the Baltimore and Potomac tunnel.

The sewer arrangements at Elm street and west end on North avenue are yet to be put in; also the bulk of the earth filling of the west approach; also the paving and kerbing of the west approach; also the balustrade for the whole structure and the tablet, and also the transfer of the railways and other public travel to the new permanent grade of the avenue from its present high grade on the temporary approach, and the removal of that structure.

Any pavements we may put down on the fresh earth filling will, of course, have to be reset one or more times, as the earth settles, and the Water Department ought not to lay its new pipes until most of this settlement has taken place, but I do not anticipate much trouble from this.

The Construction Company paid the $30,000 instalment promptly on August 1. The second instalment, $25,000, was paid September 11, after the Mayor had written for it. The third instalment, $25,000, due October 1, was paid November 18, after several demands made by Mayor Latrobe, while the fourth instalment, $21,824.61, due November 1, has not been paid yet, and on October 10, 1895, the further sum of $90,000 was appropriated by city ordinance for "completion of North-avenue bridge and approaches."

There has been expended out of the $80,000 paid us by the Construction Company the sum of $79,908.63, and out of the $90,000 appropriated from the Bridge Loan, the sum of $61,326.01, including the $14,568.20 balance paid on final estimate of May 22 on main bridge, and the unpaid $14,447.82 reserved out of current estimates on the approaches; so that

unless the Belt Railroad Comyany pays us the overdue $21,824.61, we will have but $28,765.36 with which to complete the work. I am holding back designs and contracts for the balustrade, etc., until I know more closely how much money, if any, will be available for such items, and I will also say that the contractors have taken exception to and protested against my official classification of some of the work done, and we may possibly have to meet them in court for final settlement. There are also some small questions still under discussion with owners or lessees of abutting properties.

Respectfully submitted,

FREDERICK H. SMITH,

Chief Engineer of North-avenue Bridge.

Report of Layton F. Smith, Engineer in Charge of Bridges.

Bridge Engineer's Office of the City Commissioner's Office,

Baltimore, Md., January 3, 1896.

Mr. Janon Fisher, City Commissioner.

Dear Sir.—Receiving my appointment from the ex-City Commissioner H. T. Douglass, I assumed charge of city bridges on August 1, 1895, since which time the following repairs have been made to the bridges:

Argyle-avenue bridge over Baltimore and Potomac Railway, repairs to sidewalks.

Loney's-lane bridge, repairs to roadway.

Lancaster-street bridge, repairs to roadway.

Block-street drawbridge, repairs to machinery.

Biddle-street bridge over Jones' Falls, bolting plates.

Harman's bridge over Gwynn's Falls, repairs.

St. Paul and Calvert-street bridges, repairs to roadways, and minor repairs to ironwork.

Eastern-avenue bridge over Jones' Falls, entire new floor, north roadway.

South Monroe-street bridge over Baltimore and Ohio Railroad, repairs to roadways.

Lexington-street bridge over Jones' Falls, fence erected.

Columbia-avenue bridge over Gwynn's Falls, sewer inlets and pipes.

Edmondson-avenue bridge over Baltimore and Potomac Railway, repairs to truss.

Chase-street bridge over Jones' Falls, repairs to roadway.

Fayette-street bridge over Jones' Falls, repairs to sidewalk.

Canton and Central-avenue bridge, new sidewalk.

Canton avenue bridge over Jones' Falls, repairs to roadway and sidewalks.

Madison street bridge over Jones' Falls, repairs to sidewalks.

Clipper Mill foot-bridge, repairs.

Frederick-road foot-bridge, old, closing up.

Preston-street bridge over Jones' Falls, two new roadways.

Guilford-avenue bridge over Jones' Falls, repairs to roadway.

Calverton-road bridge over Gwynn's Run, repairs to hand-rail.

Edmondson-avenue bridge over Gwynn's Falls, repairs to roadway.

Wilkens-avenue bridge over Gwynn's Falls, new top floor and repairs to sidewalks.

Lombard-street bridge over Jones' Falls, repairs to roadways.

Columbia-avenue and Stockholm-street bridge, new sidewalk and hand-rail.

Warner-street bridge, new top floor.

Beech-avenue bridge, repairs to roadway.

Lexington-street bridge over Gwynn's Run, repairs to roadway.

Old Liberty-road bridge over Peck's Branch, repairs to roadway.

Garrison-lane culvert, repairs to roadway.

Union-avenue bridge over Mill Race, new floor.

Cedar-avenue bridge over Jones' Falls, repairs to roadway.

Race-street bridges, hand rail and new bridge.

Centre-street bridge over Jones' Falls.

At present the repair gang is engaged in renewing the floors of Madison-street bridge.

The keeper and assistants at Light-street bridge are kept busy continually making repairs to the bridge, and since the appropriation for 1895 has been largely overdrawn, and because more extensive repairs will be needed this year (1896), not less than $8,000.00 should be appropriated for this bridge for year 1896.

October 14, 1895, the City Council appropriated $300.00 to rebuild the foot-bridge on north side of Frederick road over Gwynn's Run. Plans were prepared in this office and work proper began Monday, November 18; Thursday, November 28, the public were allowed use of bridge, and Saturday, November 30, the bridge was completed. The statement of cost is as follows:

Dr.	To appropriation		$300 00
Cr.	By pay rolls	$133 67	
	Materials	130 01	
			263 68
	Balance		$36 32

Bridges being perishable structures, require constant supervision and repairs, not alone to the floor, but also to the structures themselves. The floors of the majority of city bridges are of wood, and need to be repaired and renewed frequently; the floors in several instances are of sheet asphalt and require frequent attention, whilst those bridges paved with Belgian blocks require very little attention.

No systematic repairs seem to have been made to the old wooden floors, the repairs in some instances being mere makeshifts, joists in many places which were so rotten on top that the floor could not be nailed to them were turned upside down and allowed to carry the loads which a sound piece of timber should have. That there have been no serious accidents from joists giving way is remarkable, but does not prove that new joists and floors are not necessary.

Quite a number of the bridges have ornamental castings, lamp-posts, etc., which have been in place for years, and which, on account of lack of attention and paint, are now disintegrating, and instead of beautifying the structures they are meant to adorn, they detract from their beauty and give an air of shiftlessness. From the appearance of some of the bridges, they have not been painted since they were built, and the condition of the floor-beams and parts where water and dust can collect, or which the fumes from locomotives can envelope, is in some cases deplorable. That the majority of the city's bridges should be thoroughly scraped, cleaned and painted, not for appearance, but for preservation, is imperative; and that the paint be a preservative and not a decorative is absolutely necessary. Proper care should be taken now of the bridges, that they may continue to perform satisfactory service.

The following detail notes on what was done to some of the bridges in 1895, of their present condition, and some suggestions as to what treatment they should receive, will better enable you to appreciate the foregoing statements. These following bridges are not the only ones needing attention:

ARGYLE-AVENUE BRIDGE

is over the Baltimore and Potomac and Western Maryland Railroads, and the locomotives of all trains going west, which stops at Pennsylvania-avenue station, stand under this bridge, and since the engine men do their firing there preparatory

to the trip through the tunnel, the fumes from the smoke and the escaping steam have played havoc with what paint there was on the trusses and with the trusses themselves; at present there is no paint whatever on the bridge, and scale one-eighth of an inch thick can be picked off with the fingers. Six trusses compose this bridge, and after some canvassing, six bridge paint companies have signified their willingness to supply sufficient paint each to cover one truss with two coats of their paint, provided the city has the trusses thoroughly scraped clean and will apply the paint. The tests these paints will have to endure on this bridge are unusually severe, and will serve to guide the city in making purchases of durable paint in the future. If this bridge is to continue to be used, something to preserve the trusses must be applied, and since the paint will in this instance cost the city nothing, this opportunity should not be lost. The floor of wood is so rotted in many places that sparks from locomotives have set it on fire four times in the last six months. For safety of public and for economy the floor should be thoroughly overhauled.

WILKENS-AVENUE BRIDGE OVER GWYNN'S FALLS

is in its last stages and should be replaced by a steel structure. There are four spans of about 110 feet each. Three are at present shored up to keep them from tumbling down. The fourth span, whilst in as precarious a condition as the other three, is over the stream proper, and therefore cannot be trestled up satisfactorily, yet in its present condition should not be required to carry the traffic which now crosses the bridge very much longer. The floor joists of this bridge are now upside down, because the tops had rotted so much that the floor could not be nailed to them, and are now performing duty which they should not be required to perform. About two years ago the floor, which was of one thickness of plank, became so worn away that crossing the bridge was dangerous, a layer of plank 18 feet wide was laid along the centre of the roadway on top of the old plank; it became necessary that the rest of the roadway should likewise be so covered, and during November, 1895, it was done. In regard to rebuilding the bridge, it would be well to refer to the report of Mr. Frederick H. Smith, Bridge Engineer, of the year 1893, which reads as follows: "The masonry carrying the bridge is in fairly good condition, and can be

reinforced and adapted at a reasonable cost to receive an iron bridge. To fill out any of the spans with embankment would necessitate the abandonment of the present abutment and one or more piers, which could only be reused as backing; the construction of a much larger abutment, with wing walls to hold back this embankment, and a stout protection wall to hold the slopes of the bank against the wash of high water a considerable distance back from the abutment on the up-stream side. It will be cheapest to build a four-span iron bridge there at a cost of $36,000, including repairs to old masonry." The price of steel having advanced since 1893, at least $40,000 would be necessary to carry out Mr. Smith's views.

COLUMBIA-AVENUE BRIDGE OVER GWYNN'S FALLS.

From the position of this bridge in a hollow it received the entire drainage of Columbia avenue for four blocks, which water during a storm flowed down the gutters, spreading out over the road onto the bridge, covering both roadways over the bridge, and after washing away part of the approach embankment on country side, finally reached the Falls. Since Columbia avenue for about 300 feet approaching bridge or city side is unpaved, and since 300 to 400 carts, besides other vehicles carrying clay, cross the bridge, dropping their contents, water and mud three to four inches deep remained on the bridge and much deeper in the road for a week after a storm, consequently affairs were not favorable for comfort of the public, life of floor of bridge or maintenance of an approach embankment on county side. It being necessary to provide for the water on the city's side of bridge, two 18-inch pipes were placed through the abutment with suitable inlet connections and the contingent street paved; but even this will not give entire satisfaction until the whole approach is paved.

BLOCK-STREET DRAWBRIDGE.

Since August 1, 1895, there have been several minor breakdowns of the machinery for turning this bridge, which have been repaired at small cost and with little inconvenience to traffic crossing it. During August the contractors who were dredging the city's dock damaged the water supply pipe to such an extent that a new one had to be laid and the draw

turned by hand power for fourteen days, the bills for which, amounting to $309.47, were paid by the dredging company.

ST. PAUL-STREET, CALVERT-STREET AND GUILFORD-AVENUE BRIDGES.

On September 11, 1895, I submitted to you an estimate of $3,500 for repairs to these bridges. The City Council refused to make the appropriation, although urged to do so by the Mayor. It is absolutely necessary that something be done to protect these bridges, because when they were built they were decorated with a great many cast-iron ornaments, on account of which they have been renowned for their beauty. On account of the construction of these ornaments, their method of being assembled and the lack of care for their preservation, they are falling apart and breaking. The tie-rods of the 286-foot span of St. Paul street bridge should be tightened, and to do so all the intersection bosses and sleeves will have to be removed, endangering their entirety and perhaps necessitating the recasting of a number of them. From the construction of the tie-rods, and on account of the amount of rust on the threads, especial care will have to be taken while adjusting them, that the threaded ends which the sleeve nuts engage, and which are not thoroughly welded on to ties, be not wrenched from the ties. If any of the rods are torn apart, which may happen, the bridge should be closed to traffic until new ties are in place, because the vibration of the span is now excessive under a light load crossing it. The lamp-posts on the bridges were originally beautiful and were lighted at night; at present the bridges are lighted by electricity, and the lamp-posts are falling to pieces and look very disreputable. They should be removed or thoroughly repaired, so as to complete the design of the bridges. Several years ago smoke shields were fastened to the floor systems of St. Paul and Calvert-street bridges immediately under the lower chords so as to keep locomotive smoke and steam from these very important members of the trusses; these shields should be thoroughly examined, refastened or renewed where necessary, and the whole underneath of these bridges given two coats of paint for preservation. The iron work of all three bridges should be scraped and painted, and the sidewalks of Guilford avenue thoroughly overhauled. St. Paul and Calvert-street bridges are covered with sheet asphalt, which requires frequent repairs; both

bridges were repaired in July, and now there are many and large holes in St. Paul-street roadway. An appropriation of not less than $5,000 should be made for these bridges.

HARMAN'S BRIDGE.

This bridge is a piled structure and was partially overhauled during the past spring; in its present condition, with a few minor repairs, it will last through the year. The traffic over the bridge has outgrown the width of the bridge, and it should be rebuilt much wider and stronger, either in its present location or on a line of one of the streets yet to be laid out; since the Baltimore Traction Company has obtained permission from the owners of the property adjacent to, and over which the city's bridge extends, to construct a piled bridge parallel to and six feet from west side of city's bridge, it will be advisable to rebuild on the present location, and to arrange with Traction Company to build their bridge in such manner that the two bridges may form one. On account of the condition of the bridge; the immense amount of travel over it, pedestrians and vehicles using the same passage-way, and the danger of damage caused by freshet from Gwynn's Falls, there is need of a responsible man to make repairs, stop reckless driving and look out for the interests of the city.

PRESTON-STREET BRIDGE.

Both roadways of this bridge on either side of the central space allotted to the Central Railway Company have been entirely renewed, and not before the repairs were absolutely necessary, and driving over the bridge had become, unknown to the the public, hazardous. In the early part of this year the stringers and floor under the railway tracks will be renewed, and by agreement with the Railway Company, they will supply the stringers which are to go under their tracks of a size larger than those in present use, and better adapted to carry the weight of their cars.

There are a number of small wooden bridges in the Annex of from 36 to 50-feet spans, which need to be rebuilt; in some cases wooden bridges should be built, in others steel girders could be used to better advantage, and in others arch culverts would be more acceptable. It is very probable that some of the present roads containing bridges will be aban-

doned in the near future for streets yet to be laid out; yet, in the meanwhile, these bridges must be rebuilt to insure safety to public using them.

Prominent among these bridges are the following:

CLIPPER MILL FOOT-BRIDGE

is a very poorly constructed viaduct extending from Druid Hill Park over Jones' Falls to Falls road. The trusses, as designed, were very slight, and now that the braces are nearly rotted away, the lower chords carry all the loads crossing the bridge. During September a freshet damaged the bridge considerably, and repairs were made temporarily, but whole structure will have to be rebuilt this coming year on a stronger basis more adapted to the needs of the public using the bridge.

DEAD RUN-BRIDGE

is a wooden bridge with wrought-iron rods and cast-iron joint-sockets. It is 46 feet six inches long and 20 feet wide. The abutments, while an inferior class of masonry, are in shape to stand for some time to come, and would only require slight remodeling if girders should be placed on them. The trusses are very rickety, because the wooden members are quite rotten, so much so that the bridge was trestled up from bed of stream. A freshet carried away some of the props, and the rest of the trestling is now suspended from the bridge, and occasions just that much more dead weight to the structure. A new bridge should be erected, and since very heavy loads are hauled over the present one, and because years will elapse before this road will be changed, plate girders should be used.

SOUTH SLINGLUFF-AVENUE BRIDGE

is a wooden bridge with wrought-iron rods and cast-iron joint-sockets. It is 22 feet wide and 50 feet long. On account of the great skew on which it is built exceedingly long floor-beams have to be used. These floor-beams are not adapted for the work they perform and occasion too much weight on the trusses, which are in bad repair and will not last through the coming year. As the grade of this street will be raised, an arch culvert will be best adapted to bridge the stream.

There are numerous bridges, large and small, which will need extensive repairs this year; in some places the abutments should be rebuilt, in others the floors will have to be renewed, whilst in others new bridges will have to be erected. That satisfactory repairs and renewals can be made to safely carry traffic over the eighty-six bridges belonging to the city, a more generous appropriation than heretofore will have to be made.

Respectfully submitted,

LAYTON F. SMITH,

Engineer in Charge of Bridges.

REPORT OF CHARLES A. HOOK, ASSISTANT CITY COMMISSIONER.

Mr. Fanon Fisher, City Commissioner:

DEAR SIR.—I herewith submit my report for all work done under my supervision for the year 1895:

PATAPSCO-STREET SEWER EXTENSION.

By Ordinance No. 41, approved April 7, 1894, afterwards repealed and re-enacted by Ordinance No. 120, approved June 28, 1894, the Mayor and City Council appropriated $52,000 for the purpose of extending the Patapsco-street sewer, from its terminus at the north embankment of the Union Railroad to the north building line of Hoffman street, by the following route: In Patapsco street, to Chase, to Luzerne, to Biddle, to Cannon, to Hoffman street. This work was commenced June 18, 1894, and with the exception of the building of four inlets, the entire work is now completed. For the lengths of each section, sizes, etc., I would refer you to the following table:

First section, beginning at the north embankment of the Union Railroad and ending at the south side of Biddle street.

SECTION No. 1.

SECTION.	Diameter.	Open Cut.	Tunnel.	Cradle Wall.	Spandrel Wall.	Inlets.	Manholes.
Circular.....	5 ft.	929 4/10 ft.	135.6 ft.	86.2 ft.	1,065.0 ft.	2 Connections	3

Second section, beginning at south side of Biddle street and ending at Hoffman street.

SECTION No. 2.

Section.	Diameter.	Open Cut.	Tunnel.	Cradle Wall.	Spandrel Wall.	Inlets.	Manholes.
Circular.....	4½ ft.	1,250 ft.	.....	301.0 ft.	1,248.5 ft.	2 Connections 8	3
Total....	.....	2,179.4 ft.	135.6 ft.	387.2 ft.	2,313.5 ft.	4 Connections 8	6

In determining the grades for this sewer, it became necessary, as a matter of economy, to arrange for vertical drops aggregating 18 feet. The conditions were such that we found it advantageous to divide this fall into two distinct drops. One is located in the bed of Luzerne street, near the south building line of Biddle street; the other is in the bed of Biddle street, about 50 feet west of the intersection of Luzerne and Biddle streets. The inverts, steps and arches of both are constructed of cut granite; the side walls are of Falls road stone, cut to regular courses. The 6 foot drop is 5 feet square. The 12 foot drop is 4 feet wide and 10 feet long. With ten working days this work will be completed.

Upon the reorganization of the City Commissioner's Department during the month of June, we were ordered to keep a record of the cost of the different classes of work. I therefore submit the following statement:

Work done on Patapsco-street sewer extension from July 1 to December 31, 1895:

Excavation, open cut, 901.2 cubic yards, at 0.551			$ 496 56
Brick masonry 190.0	"	at 9.81	1,863 90
Rubble " 283.7	"	at 4.19	1,188 70
Sewer blocks 1,771.2	square feet,	at 0.616	1,091 06
Refilling trench 737.4	cubic yards,	at 0.393	289 79
			$4,930 01

Salaries of engineer, rodman, superintendent, carpenter and watchman on the above, and the following extra work:

Engineer, $612.50; rodman, $328.15; superintendent, $633.40 ..	$1,574 05
Carpenter, $306.63; watchman, $409.67	716 30
Remodeling office (City Hall), $142.12; sharpening tools, $36.13.	178 25
Ice bills, $17.20; transportation and car fare, $78.45	95 65
Cobble-stone, $29.76; inlet and manhole castings, $103.02	132 78
Oil, $8.00; hardware, $6.85; hauling cover stone, $5.50	20 35
Coal and salt	9 90
Removing cobble-stone and refilling trench on Biddle and Cannon streets, 195.4 cubic yards, at 56 cents	109 42
Raising three 24-inch square manholes 9 feet each, 6.0 cubic yards brick masonry, at $14.35	86 10
Building four inlets with 10-foot openings at Biddle and Luzerne streets, 207 linear feet, at $5.164 per foot	1,069 09
Repairing break in Patapsco-street sewer, near Monument street, caused by flood (September, 1895), cost	241 28
Placed inlet pipe in position, and built up around the same with rubble masonry, 5.5 cubic yards, at $6.75	37 13
Repairing sidewalk over old sewer on Monument street, between Spring and Eden streets, cost	13 81
Expended on four inlets at Hoffman and Cannon streets (not completed)	220 43
Repaving Biddle street, from east side Luzerne street to west side Cannon street (including setting 29 feet kerb and 35 cubic yards grading), 2,186.8 square yards, at 38 cents square yard	830 98
	$10,265 53

Amount appropriated		$52,000 00
Expended from June 18, 1894, to July 1, 1895	$29,910 61	
" " July 1, 1895, to December 31, 1895 ..	10,265 53	
		40,176 14
Balance		$11,823 86

Names of contractors for furnishing materials, prices, etc.:

Bricks, Smith & Schwarz Brick Company	$ 7 40	per	M.
Sewer blocks, Gosnell & Kirkpatrick	2 95	"	sq. yd.
Rubble stones, John T. Curley & Company	1 59	"	cub. yd.
Cumberland cement, National Building Supply Co..	97	"	bbl.
Portland cement, National Building Supply Co.	2 38	"	"
Allowed for M. T. barrels, Nat'l Building Supply Co.	10	"	"
Round Top cement, John Bullock & Sons, in bags..	1 05	"	"
Sand, Charles H. Elliott	65	"	cub. yd.
Lumber, Virginia, P. M. Womble	12 48	"	M., b. m.
" W. P. barn boards, P. M. Womble	20 45	"	M., b. m.

Ordinance No. 76, May 23, 1895, Sterrett-alley sewer: Covering stone and iron pipe delivered. Work has not been started on account of freezing weather.

Appropriated	$1,200 00
Expended	38 50
	$1,161 50

Ordinance No. 18, February 17, 1893, Franklin street: Hauling six-inch kerb and piling same in storage yard No. 1:

Expended..... $105 95

BRUCE-ALLEY SEWER.

Bruce-alley sewer, constructed in pursuance of Ordinance No. 75, approved April 14, 1893, consists of a main sewer and a branch sewer, located as described below.

The main sewer is an extension of the sewer, 8 feet in diameter, previously constructed in Bruce alley as far as the north side of North avenue.

From the point of beginning, at the north side of North avenue, the main sewer extends northwardly along the line of Bruce alley, in open cut, with a diameter of 7.25 feet, to the south side of Clifton avenue, a distance of 710 feet; thence westwardly, under the bed of Clifton avenue, in tunnel, with a diameter of 7.0 feet, to the west side of Fulton avenue, a distance of 203 feet; thence westwardly, in the bed of Clifton avenue, in open cut, with a diameter of 7.0 feet, to the intersection of Clifton avenue and Monroe street, a distance of 479 feet. The sewer turns northward in Monroe street, and ends at a point near the north building-line of Clifton avenue.

The main sewer has a total length of 1,392 feet, including the wing-walls at its western terminus.

At the intersection of Clifton avenue and Monroe street, a "chamber" was constructed for the purpose of connecting a branch sewer, 4.5 feet in diameter, with the main sewer. This branch is designed to provide for the drainage of the area west of Monroe street, and can be extended westwardly in Clifton avenue in the future.

The branch sewer, provided for by Ordinance No. 75 of 1893, is 3.5 feet in diameter, and connects with the main sewer at the intersection of Bruce alley and Clifton avenue by means of a vertical shaft or "drop" and a connecting chamber. From the point of connection the sewer extends eastwardly in Clifton avenue, in open cut, to Pennsylvania avenue; thence northwardly in Pennsylvania avenue, in open cut, to Fulton avenue; thence in tunnel under the railway tracks to the southwest corner of Pennsylvania avenue and Fulton avenue. Total distance 560 feet.

In addition to the above-described sewers, there was constructed, in part, a branch sewer 3.0 feet in diameter, in open cut, connecting with the main sewer in Bruce alley at a

point 287 feet north of North avenue, and extending westwardly to Fulton avenue, a distance of 225 feet. This branch is designed to drain the low point, "or pocket," at the intersection of Fulton avenue and Walbrook avenue.

The main sewer has a bottom, or "invert," of granite blocks, carried up to a height equal to one-fourth of the diameter of the sewer. The sides above the invert, to a height of one foot above the springing-line, consist of two rings of brick. The arch contains three rings of brick, and is secured against distortion by spandrel-walls two feet in thickness.

The branch sewers are built with two rings of brick, and have vitrified-brick inverts.

The inner surfaces of the sewers, which are subjected to the wearing action of flowing water, consists of hard-burned hand-made bricks, machine-made bricks being used in all unexposed portions of the work.

The construction of Bruce-alley sewer was commenced on May 8, 1894, and on December 31, 1895, the work was completed, with the exception of 150 feet of the branch sewer 3.0 feet in diameter, and four inlets at the intersection of Fulton avenue and Walbrook avenue.

The work in open cut was suspended at the beginning of the winter of 1894, and was resumed early in the spring of 1895.

The tunnel work was prosecuted throughout the winter of 1894–5.

With the exception of the branch sewer in Pennsylvania avenue, the main and branch sewers lie upon private property, Bruce alley and Clifton avenue not having been condemned and opened as public highways. Right-of-way through all the property affected (with the exception of one lot) was secured in April, 1894. In the case excepted, right-of-way was acquired in the spring of 1895.

Statements showing quantities of work and cost of same:

Main sewer 7.25 feet and 7.0 feet in diameter. In cuts averaging 6 feet in depth. Length 526 feet.

Excavation (earth), 1,626 cubic yards	at $ 0.67^{32}	$1,094	62
Excavation (rock), 87 cubic yards	at 1.41^{29}	122	92
Masonry (rubble), 824 cubic yards	at 4.78^{03}	3,938	96
Masonry (ashlar), 10 cubic yards	at 28.54^{03}	285	40
Brickwork, 340¼ cubic yards	at 8.53^{82}	2,907	26
Block invert, 440 square yards	at 4.40^{97}	1,940	27
Cut-stone invert		15	00
Refilling, 1,700 cubic yards	at $ 0.22^{95}	390	15
		$10,694	58

Cost per linear foot, $20.33^{19}.

Amounts brought forward			$10,694 58

Main sewer 7.25 and 7.0 feet in diameter. In cuts averaging 20 feet in depth. Length 663 feet, including chamber and drop tunnel under railway 30 feet in length.

Excavation (earth), 4,295 cubic yards	at $ 0.66^{86}	$2,871 64	
Excavation (rock), 2,060 cubic yards	at 1.77^{55}	3,657 53	
Timbering, 150 linear feet	at 1.36^{75}	205 13	
Masonry (rubble), 314 cubic yards	at 5.80^{31}	1,822 17	
Masonry (ashlar), 12 cubic yards	at 27.09^{14}	325 10	
Brickwork, 445 cubic yards	at 9.02^{95}	4,018 13	
Block invert, 560 square yards	at 4.39^{92}	2,463 55	
Cut-stone invert and steps		104 75	
Dressing blocks for facings		21 60	
Refilling, 2,650 cubic yards	at $ 0.18^{75}	496 88	
			$15,986 48

Cost per linear foot, $24.11^{23}.

Branch sewer 3.5 feet in diameter. In cut averaging 12 feet in depth. Length 560 feet, including tunnel under railway 30 feet in length.

Excavation (earth), 1,674 cubic yards	at $ 1.13^{12}	$1,893 63	
Timbering, 560 linear feet	at 1.20^{8}	676 48	
Masonry (rubble), 43½ cubic yards	at 7.18^{92}	312 73	
Masonry (ashlar), 2½ cubic yards	at 31.66^{92}	79 17	
Brickwork, 214 cubic yards	at 11.36^{67}	2,432 47	
Cut-block invert, 3½ square yards	at 18.72	65 52	
Refilling		219 13	
Repaving (cobble), 5,000 square feet	at $ 0.04^{5}	225 00	
Repaving (sidewalk)		23 15	
Resetting kerb, 86 linear feet	at $ 0.15	12 90	
			5,940 18

Cost per linear foot, $10.60^{75}.

Branch sewer 3.0 feet in diameter. In cut averaging 7 feet in depth. Length completed to December 31, 66 feet.

Excavation (earth and rock), 110 cubic yards	at $ 1.11^{6}	$122 76	
Masonry, 14 cubic yards	at 5.42	75 88	
Brickwork, 22 cubic yards	at 10.24	225 28	
Cut blocks for invert		208 80	
Flags for over-fall		10 53	
Refilling		21 60	
			664 85

Cost per linear foot, $10.07^{35}.

Main sewer 7.0 feet in diameter. In tunnel, length 203 feet.

Excavation (rock), including timbering, 609 cubic yards	at $ 4.31^{36}	$2,626 98	
Brickwork, 203 cubic yards	at 11.75^{21}	2,385 68	
Block invert, 168 square yards	at 5.23^{82}	880 02	
Repaving street over tunnel		24 50	
			5,917 18

Cost per linear foot, $29.14^{86}.

Amount carried forward		$39,203 27

Amount brought forward		$39,203 27
Four inlets were built in connection with the branch sewer in Pennsylvania avenue, at a total cost of.		1,818 30
Total length of inlets, 167 feet.		
Average cost per linear foot, $10.88⅛.		
Lumber for office, sheds, centers, etc.	$900 00	
Iron work for manholes, etc	437 20	
Hardware, tools, etc	364 40	
Blacksmithing	477 60	
Office supplies and other incidentals	497 30	
		2,676 50
Pay of engineer, superintendent, rodman, watchman, carpenter, paymaster and clerk, advertising, etc		10,526 14
Total cost of the work		$54,224 21
Amount of appropriation		78,700 00
Balance		$24,475 79

Materials furnished by contract and used in the work:

Machine-made bricks	350,000	
Hand-made "	257,000	
Vitrified "	12,350	
Granite blocks	19,310	
Building stone	1,220	cubic yards.
Sand	1,110	" "
Lumber of all kinds	75	M.feet, board meas.
Round logs used in tunnel	100	logs, 14 feet long.
Portland cement	450	barrels.
Cumberland cement	2,250	"
Round Top "	127	"

Names of contractors for furnishing materials, and contract prices:

James R. Busey & Son, machine-made bricks, at	$ 7 10	per 1,000.	
Daniel Donnelly & Son, hand-made " "	7 90	" "	
J. A. Haydon, vitrified " "	18 50	" "	
The Mystic Quarry Company, granite blocks, "	155 00	" "	
John G. Schwind, stone	" 1 54¾	" cubic yard.	
James Cremen, sand	" 49	" " "	
P. M. Womble, North Carolina pine lumber.	" 12 80	" 1,000 ft., b. m.	
" " " Virginia " " "	" 11 85	" " " " "	
" " " white " " "	" 21 00	" " " " "	
" " " white-oak logs	" 2 00	" log.	
National Building Supply Company, Portland cement	" 2 40	" barrel.	
National Building Supply Company, Cumberland cement	" 98	" "	
John Bullock & Son, Round-Top cement	" 1 02	" "	

LUZERNE-STREET SEWER.

The Luzerne-street sewer is a part of the original plan for the improvement of Harford Run and is a branch of the main sewer over Harford Run and Harris' Creek, designed to relieve the flooded locality at the intersection of Luzerne and Hudson streets.

At the time of the construction of the Harford Run improvement, that part of Luzerne street lying between Boston and Hudson streets, in which the Luzerne-street sewer is located, was private property, and right-of-way through said property could not be secured. The construction of the sewer was, therefore, deferred until the condemnation and opening of the street by the city had been accomplished.

The Luzerne-street sewer connects with the sewer over Harris's Creek at a point about 150 feet north of Boston street, and extends in Luzerne street to the intersection of Luzerne and Hudson streets, a distance of 488 feet.

The work was commenced on May 23, 1895, and completed on December 4, 1895.

Statement showing quantities of work and cost:

Excavation, 1,800 cubic yards	at $ 0.77[69]	$1,398 42	
Timbering, 390 linear feet	at 1.80[3]	703 17	
Grillage, 480 linear feet	at 2.02[18]	970 46	
Masonry, 186 cubic yards	at 5.88[2]	1,094 05	
Brickwork, 160 cubic yards	at 10.06[08]	1,609 73	
Dressed flags, 60 square feet	at 0.50	30 00	
Running steam pump		514 50	
Refilling trench, 1,200 cubic yards	at $ 0.33[81]	405 72	
Repaving, 9,504 square feet	at 0.03[82]	362 96	
			$7,089 01
Cost per linear foot, $14.52[66].			
Three inlets were built at the intersection of Luzerne and Hudson streets at a cost of			869 76
Total length of inlets, 146 feet. Cost per linear foot, $5.95[73].			
Lumber for cement shed, boxes, etc		$ 85 00	
Ironwork for man-hole		29 75	
Pump and boiler fittings		18 60	
Hardware, tools, etc		63 44	
Blacksmithing		25 76	
Office supplies and other incidentals		173 80	
			396 35
Pay of engineer, superintendent, watchman, paymaster and clerks, advertising, etc.			1,536 51
Total cost of the work			$9,891 63

This amount was taken out of a balance of $17,478.06 left to the credit of the appropriation for the improvement of Harford Run.

Materials furnished by contract and used in the work:

Standard hand-made bricks	72,285	
Vitrified bricks	5,950	
Vitrified invert blocks	500	linear feet.
Building stone	164	cubic yards.
Sand	128	" "
Georgia pine lumber	27,700	feet, board measure.
Virginia " "	32,800	" " "
Portland cement	30	barrels.
Cumberland cement	367	"

Names of contractors for furnishing materials, and contract prices:

The Smith & Schwarz Brick Company, hand-made bricks	at $ 6 75	per	1,000.
J. A. Haydon, vitrified bricks	at 18 50	"	1,000.
J. A. Haydon, vitrified invert blocks	at 0 45	"	linear foot.
James H. Atkinson, stone	at 1 70	"	cubic yard.
John J. Gallagher, sand	at 0 63	"	" "
P. M. Womble, Georgia pine	at 17 49	"	1,000, b. m.
P. M. Womble, Virginia pine	at 12 48	"	1,000, "
B. Wallis & Co., Cumberland cement	at 0 95	"	barrel.
John Bullock & Son, Round-Top cement	at 1 05	"	"
The National Building Supply Company, Portland cement	at 2 40	"	"

ALLUVION-STREET SEWER.

Having been placed in charge of the Alluvion-street sewer, on December 1, 1895, I at once began the construction of a coffer-dam to prevent flooding of the work by high tides. The coffee-dam was completed about the middle of the month, and work commenced on the pile-foundation for the sewer.

Work done during December and cost of same:

Coffer-dam	$290 86
Foundation-piles, 1,512 feet, at $0.20^{6}	311 47
Engineer, watchman and rodman	182 50
	$784 83

REPAIRS OF PAVED STREETS.

LIST OF STREETS REPAIRED.

Street.	*From.*	*To.*
Chester street	Eager street	Chew street.
Washington street	Eager street	Lanvale street.
Eager street	Hopkins avenue	Washington street.
Biddle street	Gay street	Patterson Park avenue.
Biddle street	Guilford avenue	Valley street.
Aisquith street	Harford avenue	Lanvale street.

Street.	*From.*	*To.*
Wilcox street	Preston street	Hoffman street.
Hillman street	Eager street	Chase street.
McKim street	Madison street	Willow street.
Lafayette avenue	Charles street	Guilford avenue.
Calvert street	Lafayette avenue	Lanvale street.
Lanvale street	Charles street	St. Paul street.
North avenue	Charles street	Oak street (north side).
Twentieth street	Charles street	Temporary bridge.
Arlington avenue	Edmondson avenue	Harlem avenue,
Druid Hill avenue	Bloom street	Gold street.
Brunt street	Presstman street	Bloom street.
St. Joseph street	Broadway	Bond street.
Carey street	Harlem avenue	Lafayette avenue.
Stricker street	Mosher street	(Intersection).
Mount Royal avenue	Maryland avenue	North avenue (gravel and crushed stone).
Dolphin street	Mount Royal avenue	Eutaw Place.

LIST OF NEW GUTTERS, ETC.

Hoffman street, near Aisquith (for engine house).
Eutaw Place, north side North avenue.
Bolton street and North avenue, gutter repaired.
Park street and North avenue, gutter repaired.
Calhoun street and North avenue, gutter repaired.
Mosher street, east side Mount Royal avenue, new gutter.
Lafayette avenue and Morris alley, new gutter.
New iron gutter-plates were placed at Brevard and Biddle streets.
Repaired wooden gutter-cover at Charles and Preston streets.

Materials used from Storage Lots Nos. 1 and 3:

Old cobble	208 loads.
Gutter	378 linear feet.
Old flags	34 square feet.

Cost of repaving Dolphin street:

Foreman, 50	at $2.65	....	$132 50
Pavers, 280½	at 3.00	....	841 50
Rammers, 96	at 2.00	....	192 00
Laborers, 322½	at 1.66⅔	....	537 50
Carts, 95	at 2.40	....	228 00
New cobblestones, 191.65 perches	at 1.24	....	237 65
New flagstones, 796 square feet	at .19½	....	155 22
New gutterstones, 2,344 linear feet	at .18	....	421 92
Sand, 865.8 cubic yards	at .60	....	519 48
New Belgian blocks, 3.73 square yards	at .95	....	3 54
			$3,269 31

Work done:

Cobble repaving	49,746	square feet.
New gutter set	2,344	linear feet.
Kerb set	1,710.4	" "
New flags set	796	square feet.
Old flags reset	629	" "

Cost of setting kerb, gutter, flags, etc.:

Gutter, 2,344 linear feet	at	$0.05	....	$ 117 20
Kerb, 1,710.4 linear feet	at	.10	....	171 04
Flags, 1,425 square feet	at	.15	....	213 75
Cobble paving, 5,527 square yards	at	.2586	....	1,429 51
Cobble, flags, gutter stone, sand and blocks used				1,337 81
				$3,269 31

STATEMENT OF TOTAL EXPENDITURES AND WORK DONE FROM JUNE 1, 1895, TO DECEMBER 31, 1895.

Foreman (cobble), 543½ days	at	$2.65	....	$1,440 28
Foreman (block), 8¾ days	at	4.00	....	35 00
Pavers (cobble), 1,806 days	at	3.00	....	5,418 00
Pavers (block), 8 days	at	4.50	....	36 00
Rammers (cobble), 904½ days	at	2.00	....	1,809 00
Rammers (block), 8½ days	at	3.00	....	25 50
Laborers, 2,778¾ days	at	1.66⅔	....	4,631 25
Carts, 864½ days	at	2.40	....	2,074 80
Carpenters, 3 days	at	3.00	....	9 00
Four-horse roller, 3½ days	at	8.00	....	28 00
				$15,506 83

Materials purchased:

Sand, 1,382 cubic yards	at	$0 .20	$ 276 40
Sand, 3,752.6 cubic yards	at	.4623	1,734 85
New cobble stone, 950.41 perches	at	1.24	1,178 51
New gutter stone, 3,132 lin. ft.	at	.18	563 76
New flags, 796 square feet	at	.19½	155 22
Belgian blocks, 3.73 square yards	at	.95	3 54
" " 700	at	48.00 per thousand	33 60
Gravel, 133.6 cubic yards	at	.65	86 84
Crushed stone, 57.0 cubic yards	at	1.86	106 02
" " 6.0 cubic yards	at	1.50	9 00
Timber, 574 feet, b. m.	at	19.95 and hauling $1.00	12 45
Bricks, 25	at	8.00 per thousand	20
Cement, 3½ bushels	at	.80	2 80
			$4,163 19

Cost of extra work:

Repairing granolithic and Belgian block work	$108 97
Renewing granite gutter covers	105 30
	$214 27

Summary:

Total cost of labor	$15,506 83
" " " new materials	4,163 19
" " " extra work	214 27
" " " inspectors, blacksmith, oil, tool and ice bills	1,238 05
	$21,122 34

Work done:

Cobble repaving	51,124	square yards.
Gutter set	3,092	linear feet.
Flags set and reset	2,216	square feet.
Kerb reset	1,761.4	linear feet.
Belgian block repaving	111.6	square yards.
Asphalt block repaving	50	square yards.
Brick work	2	cubic feet.
Wooden gutter covers	584	feet, b. m.
Iron gutter covers	32	square feet.
Gravel and crushed stone used	196.6	cubic yards.

Names of contractors and prices:

Patrick Kielty, sand, District No. 1	at	44c.	per cubic yard.
" " " " " 3	at	60c.	" " "
" " " " " 4	at	65c.	" " "
D. A. Leonard, cobble stone	at	$1.24	" perch.
J. G. Schwind, gutter stone	at	18c.	" linear feet.
J. G. Schwind, flag stone	at	19½c.	" square feet.

General appropriation for flags, Ordinance No. 64, May 10, 1895. Under this ordinance the following work was done:

Flags laid	3,865.07	square feet,	24 double rows.
Belgian blocks	93.7	"	yards.
Cobble repaving	7,238	"	feet.
Old flags reset	380	"	"
" kerb "	389	linear	"

Cost of work:

7,238	square feet	cobble repaving	at	.04c.	$	28 95
380	" "	old flags reset	at	.15c.		57 00
389	linear "	kerb	at	.10c.		38 90
1,932.53	" "	flags laid	at	.8683c.		1,678 19
						$1,803 04
Inspection, tool and oil bills, etc						191 51
						$1,994 55

Appropriated	$2,000 00	
Expended	1,994 55	
Balance		$5 45

Flags were laid at the following locations:

Across Baker street, west side Mount street.
Across Bank street, east side Castle street.
Across Bolton street, north side North avenue.
Across Collington avenue, south side Fairmount avenue.
Across Caroline street, south side Milliman street.
Across Duncan alley, south side Bank street.

Across Duncan alley, north side Bank street.
Across Eden street, south side McElderry.
Across Fayette street, west side Aisquith street.
Across Hanover street, north side Heath street.
Across Monument street, east side Bethel street.
Across Madison street, east side Hopkins avenue.
Across Madison street, east side Eutaw street.
Across Monument street, east side Dallas street.
Across Madison street, west side Caroline street.
Across North avenue, west side Broadway.
Across North avenue, east side McCulloh street.
Across North avenue, east side Guilford avenue.
Across Pearl street, north side Sarah Ann street.
Across Saratoga street, east side Carrollton avenue.
Across Thames street, west side Wolfe street.
Across Fifth avenue, west side Roland avenue.
Across Twenty-first street, west side Barclay street.

Resolution No. 68, Park Heights avenue: This work consisted in setting 1,422 linear feet 4½-inch kerb, paving 1,596 linear feet of gutters, and macadamizing the avenue its entire width (33 feet) for a distance of 1,720 feet.

Cost of macadamizing, including grading, hauling and setting kerb and paving gutters, 79 cents per square yard, 10 inches deep.

Appropriated	$5,000 00
Expended	4,982 93
Balance	$17 07

Resolution No. 149, Chestnut Hill avenue: This work consisted in ditching 972 linear feet; dressing the road with oyster shells a distance of 486 feet, 13 feet wide and 8 inches deep.

Appropriated	$150 00
Expended	116 40
Balance	$33 60

Resolution No. 126, Twentieth street: This work consisted in setting 306 linear feet 4½-inch kerb; paving 400 linear feet gutters, 3 feet 4 inches wide; repaving 205 square feet around inlets at Lovegrove alley; repaving 80 linear feet old gutters, 4 feet 4 inches wide; macadamizing 400 linear feet, 31 feet wide and 12 inches deep; building one corner inlet at Lovegrove alley.

Cost of macadamizing, including cost of all items above mentioned, 77 cents per square yard 12 inches deep.

Appropriated	$1,000 00
Charged to streets, Annex	61 96
	$1,061 96
Expended	1,049 50
Balance	$12 46

Resolution No. 187, Montebello avenue: This work consisted in ditching for a distance of 1,552 linear feet, dressing road-bed with oyster shells 750 linear feet, 12 feet wide and 6 inches deep, and paving gutter crossings 42 feet long, 3 feet 10 inches wide.

Appropriated	$300 00
Expended	294 11
Balance	$5 89

Resolution No. 127, Friendship lane: This work consisted in excavating for gutters, paving 354 linear feet gutters 2 feet 3 inches wide, and dressing bed of lane with oyster shells for a distance of 1,896 feet, 12 feet wide and 6 inches deep.

Appropriated	$500 00
Expended	494 17
Balance	$5 83

Resolution No. 128, St. Ann's avenue: This work consisted in laying 92 linear feet of 15-inch T. C. pipe, with inlets, and paving 1,069 linear feet of gutters, 3 feet 4 inches wide.

Appropriated	$500 00
Expended	493 59
Balance	$6 41

Resolution No. 168, Jenkins lane: This work consisted in ditching, rebuilding bridge, putting up timber dam to turn the stream, filling up a large wash-out and shelling the road for a distance 2,339 feet, 18 feet wide and 6 inches deep.

Appropriated	$1,000 00
Expended	633 09
Balance	$366 91

The above work having been thoroughly done, the balance was used in doing the following work on streets in Annex:

Patching holes on Park Heights avenue	$ 40 40
Dressing First avenue with stone, etc	241 11
Cobble stones for paving gutter	29 76
Gutter stones for paving gutter	38 94
Terra cotta pipe used	9 15
	$359 36
Amount expended on Jenkins lane	633 09
	$992 45
Balance	7 55

STREETS—ANNEX.

General appropriation, $17,432.

The Mayor and City Council passed resolutions Nos. 68, 126, 127, 128, and 149, to repair certain streets and roads in the annex, aggregating $7,150, besides the salaries and livery for the supervisors, $2,432, which was taken out of the general appropriation, leaving for all other streets and roads in the Annex $7,850.

Under this head the following work was done:

Renewed culvert, Chestnut Hill avenue. Removed kerb from sidewalk, Oak street, near 21st street. Removed stone and cleaned up at crusher, Huntingdon avenue. Repaired culvert and inlet pipes on Jefferson street. Repaired cave-in over sewer at 23d street and Hunter alley. Repaired and cleaned out wooden box, Gorsuch avenue. Cleaned out culverts, Windsor Mill road. Cleaned out 1,650 linear feet ditches, 2 feet wide, on North avenue, near Pulaski street. Cleaned out ditches on old Frederick road, Windsor Mill road, and Jefferson street. Cleaned out heavy snow-drift on Garrison avenue. Filled washout and cleaned out ditches and sewer on Cedar avenue. Cleaned out choked pipe and sewer on First avenue. Repaired wooden box on Park Heights avenue, near park gate. Filled up well 16 feet deep and 4 feet diameter on 3d avenue. Repaired with oyster shells, Eleventh street, Gilmore lane and Old York road. Put in wooden box, Gorsuch avenue. Built new corner inlet and laid 15-inch terra cotta pipe across bed of Roland avenue, at Merryman's lane. Repaired Wilkins avenue with 74 loads cinders. Repaired gutters and opened ditches on Millington lane. Patched flooring on Edmondson-avenue bridge. Filled washouts on Calverton road and Franklin street. Repaired road-bed and cleaned out ditches on Morris avenue. Repaved bed of 23d street, at Hunter alley,

over sewer, caused by cave-in. Built wing walls at end 15 inch pipe and raised road-bed at Roland avenue and Merryman's lane. Repaired road-bed, Windsor Mill road and North avenue. Repaired washout on Union avenue. Repaired Edmondson avenue, and opened ditches. Repaired Park Heights avenue in places with crushed stone from 5th avenue to park gate. Repaved gutters, Park avenue and Reservoir street. Cleaned out 100 linear feet gutters on North avenue. 2 feet wide. Patched up flooring Wilkens-avenue bridge. Repaired with crushed stone, 3d avenue, Huntingdon avenue and Montebello avenue. Removed "Blake crusher" from Huntingdon avenue and 27th street to Huntingdon avenue; over Belt Railroad arch; thoroughly repaired engine and other machinery. Macadamized St. Paul street, between 24th and 25th streets. Macadamized 25th street. Paved 279 feet new gutters, 5 feet wide, at Clifton avenue and 13th street. Laid 36 linear feet flags, 2 feet wide, at Walbrook avenue and 11th street. Laid 34 linear feet flags, 1 foot 7 inches wide, at North avenue and 11th street. Macadamized Falls road, 300 linear feet, 30 feet wide, and 6 inches deep. Repaired crossings on 25th street between St. Paul street and York road. Repaired wooden sewer on Merryman's lane between York road and Barclay street. Repaired and cleaned out sewer, Millington lane, near school house. Cobble-stone and kerb taken up and removed from 20th street between Oak street and the temporary bridge over the Falls. Filled up hole at Fulton and North avenues and macadamized over same. Built 4 inlets on Walbrook avenue, near 12th street.

In reference to the two stone crushers owned by the city, one is located on Huntingdon avenue at the Belt Railroad crossing, and the other on Grace avenue, near the Reisterstown road.

In concluding the foregoing report, I desire to express my appreciation of the intelligent and faithful performance of all duties assigned to the assistants under my supervision.

Respectfully,

CHARLES A. HOOK,

Assistant City Commissioner.

REPORT OF HOWARD D. COALE, ASSISTANT CITY COMMISSIONER.

BALTIMORE, January 1, 1896.

Mr. Fanon Fisher, City Commissioner:

DEAR SIR.—I herewith respectfully submit the report of this department (of which I have had charge since the 1st of August) for the year ending December 31, 1895:

REPAIRS OF PAVED STREETS.

The repairs of paved streets until June were under the personal charge of the City Commissioner, and at your request I have made a general report of that work from January 1 to June 1.

REPAIRS OF PAVED STREETS FROM JANUARY 1 TO JUNE 1.

EXPENDITURES.

Labor of all kinds, including engineering	$17,904 18
Typewriting	21 50
Cement	97 65
Repairing, resetting gutters, kerb and flag (contract)	5,140 16
Hauling (contract)	238 47
Oil	28 50
Sand	1,092 95
Rent of storage lots	147 50
Printing annual report	24 15
Iron gutter-plates	55 47
Kerb circles	30 20
Removing water-pipes, etc	25 89
Lumber	71 87
Repairing tools	240 10
Damage to carriage (suit compromised)	25 00
Granite blocks	172 00
Advertising	18 43
New gutter-stone	268 52
" flag "	72 59
Brooms	13 50
Bricks	18 00
Hardware	217 72
Repairing iron gutter-plates (contract)	10 80
Crushed stone	53 06
Total	$25,988 21

These expenditures were made with the following results:

QUANTITIES OF WORK DONE.

Cobble-stone repaving	246,208 square feet.
Old kerb reset	1,243 linear feet.
Old gutter-stone reset	306 " "
Cobble-stones hauled	220 loads.

And various repairs of gutter-plates, drain-boxes, etc,, which I have noted later in this report.

In June the repairs of paved streets was assigned to the two Assistant City Commissioners in charge of surface work.

The following report shows the expenditures and the amount of work done south of Edmondson avenue and Monument street (Section No. 1), from June 1 to December 27, inclusive:

REPAIRS OF PAVED STREETS FROM JUNE 1 TO DECEMBER 27, 1895, INCLUSIVE.

EXPENDITURES.

Labor of all kinds, including engineering	$24,197 55
Lumber	388 89
Draughting supplies	19 10
Livery	120 00
New flag-stones	3 90
Grading (contract)	7 50
Transportation	134 71
Advertising	9 78
10-inch gutter-stones	14 40
Repaving and resetting gutters, kerb, flag, etc. (contract)	903 54
Rent of storage lots	160 50
Oil, etc	37 79
Repaving brick sidewalk around Franklin Square (contract), as per Resolution 191, 1895	140 00
Special 3-foot open stone-gutters	8 50
Repairing tools	387 35
Miscellaneous	11 50
Cement	1,969 40
Hauling	84 85
Hardware	132 42
Bricks	74 40
Ice	67 49
Iron gutter-plates	60 61
Striping and lettering sand-boxes	11 25
Coal	5 74
Sand	1,866 81
Crushed stone	214 12
Total	$31,032 10

A detail of quantities and prices of various materials follow:

SAND.

359	loads,	at	15	cents	$ 53 85
1,510	"	"	20	"	302 00
123	"	"	75	"	92 25
345	"	"	25	"	86 25
252.4	"	"	60	"	151 44
1,449	"	"	53	"	767 97
780.5	"	"	44	"	343 40
139	"	"	30	"	41 70
43	"	"	65	"	27 95
					$1,866 81

REPAVING, RESETTING FLAGS, GUTTERS, KERB, ETC. (CONTRACT).

Asphalt block paving, 163 square feet,	at	$ .10	$ 16 30
Granolithic gutters, 3 yards,	"	3.00	9 00
Cobble-stone paving, 2,573.83 square feet,	"	.04	102 95
Kerb reset, 61.18 linear feet,	"	.10	6 12
Flag-stones reset, 210 linear feet,	"	.18	37 80
" " 75 linear feet,	"	.33	24 75
Gutter-stones reset, 184.70 linear feet,	"	.10	18 47
Granite block paving, 12,503.02 square feet,	"	.05	625 15
Special repair of washouts by agreement			63 00
			$903 54

BRICKS.

6,200 bricks, at $12.00 per thousand $74 40

NEW FLAG-STONES.

20 feet, at 19½ cents $3 90

GUTTER-STONES.

80 feet, at 18 cents $14 40

OPEN STONE-GUTTERS.

3 linear feet (delivered) $8 50

CRUSHED STONE.

$54\frac{1800}{2000}$	tons,	at	$2.00	$109 80
$28\frac{165}{200}$	"	"	1.90	54 76
$28\frac{65}{200}$	"	"	1.75	49 56
				$214 12

GRADING (CONTRACT).

60 loads dirt, at 12½ cents $7 50

CEMENT.

12	barrels,	at	$2.50	$ 30 00
260	"	"	2.65	689 00
197	"	"	2.35	462 95
120	"	"	1.20	144 00
5	"	"	1.25	6 25
257	"	"	2.40	616 80
27½	"	"	1.00	27 50
				$1,976 50

Amount brought forward	$1,976 50
Drayage	6 35
	$1,982 85
Credit account barrels returned, 269 barrels, at 5 cents	13 45
Total	$1,969 40

These expenditures were made with the following results:

QUANTITY OF WORK DONE.

Cobble-stone repaving	544,360 square feet.
Old kerb reset	5,398 linear "
Granite block repaving	15,129 square "
Old gutter-stene reset	2,446 linear "
Old flag-stone reset	2,340 " "
Old cobble-stone hauled from storage lots	1,059 loads.
Dirt hauled away	617 "

And various repairs of gutter-plates, drain-boxes, etc., noted later.

Pay-rolls of pavers, rammers, etc., on cobble-stone work, etc.	$16,109 45
Pay-rolls of asphalt repairs	2,858 46
Miscellaneous (keepers of storage lots, inspectors, etc.)	3,461 27
Carpentering work	1,690 87
Engineering	77 50
	$24,197 55

In order to arrive at the cost per square foot of the cobble repaving, it will be necessary to allow a fair price for kerb setting, etc., as follows:

Old kerb reset, 5,398 linear feet at 10c.	539 80
Granite block paving, 15,129 square feet at 5c.	756 45
Gutter-stone reset, 2,446 linear feet at 5c.	122 30
Flag-stone reset, 2,340 linear feet at 30c.	702 00
	$ 2,120 55
Which, deducted from the pay-rolls for cobble-stone work	16,109 45
	2,120 55
Leaves	$13,988 90
To which add the cost of the sand (deducting that used at the markets)	1,713 91
Oil	38 77
Repairing tools	387 35
Hardware	132 42
Ice	67 49
	$16,328 84

Which, divided by 544,360 (the total number of square feet paved), gives a cost of a small fraction under 3 cents per square foot.

Concrete around the Belair Market charged to repairs of paved streets. Work commenced June 29, 1895. Work completed August 13, 1895.

EXPENDITURES.

Labor	$1,950 68
Cement	1,372 15
Sand	111 40
New tools and repairing tools	92 00
Crushed stone and hauling same	346 03
	$3,872 26

Total number of square yards paved, 2,799.21, at $1.38 per square yard, city labor.

These repairs were made on the concrete foundation laid in connection with the original sheet asphalt pavement.

A mixture of cement was used in these repairs, and a top dressing of about one-half inch in thickness, and has not given as good results as the Marsh Market, which follows:

Concrete repairs around the Marsh Market charged to repairs of paved streets. Work commenced August 13, 1895. Work completed September 9, 1895. Total number of square yards paved, 1,463.52, at $1.19 per yard, city labor.

EXPENDITURES.

Labor	$907 78
Cement	533 40
Sand	41 50
Crushed stone	214 12
Repairing tools	48 00
	$1,744 80

At this place crushed stone of three sizes—one-half inch, three-quarter inch and one inch—was used, with the proper amount of sand and Portland cement.

The top dressing was omitted, and the work holds very well now, even after the cold weather that has been experienced recently.

Chester street, between Canton avenue and Eastern avenue: A resolution to straighten and place a new kerb, where necessary, under resolution No. 145 of May 15, 1895.

The following amount of work was done in accordance with the above resolution, and the cost charged to the repairs of paved streets:

Cobble-stone repaving	1,324 square feet.
Kerb reset	628 linear "
Kerb hauled from storage lot	443 " "

Resolution to reset kerb, where necessary, around Franklin Square: Resolution No. 191, approved June 5, 1895.

The following amount of work was done in accordance with the above resolution, and the cost charged to the repairs of paved streets:

Kerb reset	902 linear feet.
Cobble repaving	1,357 square "
Brick repaving (contract), about	350 " yards.

In this connection I give a report for the repairs of gutter-plates for the entire year.

REPAIRS OF GUTTER-PLATES, ETC., IN 1895 CHARGED TO REPAIRS OF PAVED STREETS AND CLASSED AS CARPENTERING WORK.

Eastern avenue and Caroline street.
Pratt and Elliott streets.
Barnes and Hanover streets.
Pratt and Charles streets.
Ostend and Warner streets.
Aliceanna and Washington streets.
Pratt and Light streets.
Greenmount avenue and Preston street.
Greene and Lexington streets.
Greene street and Lexington Market.
President and Stiles streets.
Light and German streets.
Canton avenue and Wolfe street.
Charles and Preston streets.
Liberty and Lexington streets.
Lexington street and Louisiana avenue.
Washington and Aliceanna streets.
Canton avenue and Wolfe street.
Calvert and German streets.
Fayette and Greene streets.
Windsor and Essex streets.
Pratt and Elliott streets.
Baltimore and Eutaw streets.
Fayette and Eutaw streets.
Paca and Lexington streets.
Hanover and Camden streets.
Pratt and Hollingsworth streets.
Charles and Camden streets.
Caroline and Aliceanna streets.
Lombard and Ann streets.
Windsor and Essex streets.
Caroline and Aliceanna streets.

Centre and Calvert streets.
Marsh Market Space.
Granby and Exeter streets.
Lexington and Greene streets.
Liberty and Lexington streets.
Bond street and Canton avenue.
High and Lombard streets.
High and Granby streets.
Caroline street and Eastern avenue.
Lombard and Frederick streets.
Stricker and Lombard streets.
Thames and Wolfe streets.
Charles and Cross streets.
High and Pratt streets.
Bath and Calvert streets.
Concord and Lombard streets.
Pleasant and North streets.
Bond street and Canton avenue.
Wolfe street and Canton avenue.
Hanover and Pratt streets.
Charles and Cross streets.
Charles and West streets.
Mount and Pratt streets.
Gilmor and Lexington streets.
Calhoun and Fayette streets.
Monroe and Pratt streets.
Eutaw and Pratt streets.
Lombard and High streets.
Paca and Lombard streets.
Ann and Pratt streets.
Charles and Camden streets.
Charles and West streets.
Light and German streets.
Pearl and Lexington streets.
Gilmor and Lexington streets.
President and Stiles streets.
Paca and Pratt streets.
Bond and Aliceanna streets.
Hanover and Pratt streets.
Camden and Hanover streets.
German and Light streets.
Baltimore and Charles streets.
Charles and Saratoga streets.
St. Paul and Centre streets.

Hanover and Pratt streets.
Hanover and Camden streets.
Hanover and Conway streets.
Hanover and Lee streets.
Hanover and West streets.
Hanover street and Fort avenue.
Lexington and Charles streets.
Lexington street and Park avenue.
Frederick and Lombard streets.
Baltimore and Howard streets.
Baltimore and Eutaw streets.

BOARD WALKS REPAIRED.

Marshall avenue.
Ridgely street and Baltimore and Ohio Railroad.

SCHUTES AND SEWER BOXES.

Broadway and Hoffman street.
Luzerne street and Fairmount avenue.
Fort avenue and Lowman street (new).

WOODEN GUTTER COVERS.

Charles and Preston streets.
Fort avenue and Lawrence street.
Wilkens avenue and Mount street.
Lombard and Exeter streets.
Ostend and Warner streets.

Fence across the foot of Hanover street.

REPAIRS OF UNPAVED STREETS.

Labor of all kinds, including engineering	$206 63
Flag and gutter-stones	129 66
Hardware	1 05
Crushed stone	699 44
	$1,036 78

This crushed stone was spread on the Philadelphia road in the spring, but was, to a great extent, washed away by storms, owing to a lack of proper drainage.

This was repaired by the construction of a drain-box while the Philadelphia road was being macadamized under the provisions of Resolution No. 88 of 1895, described later in this report.

CROSS STREETS.

Labors of all kinds, including engineering	$ 350 54
Flags and granite blocks	303 98
Grading, paving and kerbing (contract)	3,394 87
Sand and hauling	303 60
Typewriting	7 50
	$4,360 49

CITY PROPERTY.

Labor of all kinds	74 00
Bricks	17 10
Rent of storage lot	7 50
	$98 60

SPECIAL ORDINANCES FOR THE CONSTRUCTION OF IRON-COVERED GUTTERS.

Dillon and Canton streets: Resolution No. 122, approved May 10, 1895. Iron gutter-plates from the northeast corner of Dillon and Canton streets to the southeast corner of the same streets, with wings on Canton street. Source of payment, tax levy for 1895.

EXPENDITURES.

Labor, including engineering	$526 31
Iron gutter-plates; 11 plates	119 97
Cement and hauling 4 barrels	6 25
Hauling	12 50
Oil	96
Arch bricks, 3,700 bricks, at $8.00 per thousand	29 60
Lumber	48 90
Tools and nails	5 35
	$749 84

Appropriation	$775 00
Expended	749 84
Unexpended balance	$25 16

Several old iron gutter-plates taken from the Belair yard were used in this construction.

The labor includes the necessary resetting of gutters, kerb, cobble paving and relaying of brick sidewalk.

Caroline and Pratt streets: Resolution No. 217, approved June 12, 1895. Source of payment, tax levy for 1895. Iron gutter-plates on the north and south sides of Pratt street, at its intersection with Caroline street, with wings running north and south on Caroline street.

EXPENDITURES.

Labor of all kinds, including engineering	$ 532 90
32 iron gutter-plates	464 18
Tools and nails	9 40
Cement and hauling 8 barrels	10 20
Coal-tar and oil	6 90
7,500 arch bricks, at $8 per 1,000	60 00
Hauling	6 00
Lumber	105 59
	$1,195 17

Appropriation	$1,200 00
Expended	1,195 17
Unexpended balance	$4 83

Several old iron gutter-plates taken from the Belair yard were used in this construction. The labor includes the necessary cobble paving, etc.

GRANITE BLOCK PAVING ORDINANCES.

Fayette street, from Calvert street to Liberty street: Ordinance No. 217, approved October 14, 1893. Length, 1,466 linear feet. Width, 36 feet, 37 feet, 39 feet. Source of payment, Six Million Dollar Loan. Work commenced, March 31, 1894. Work completed, May 17, 1895.

New granite block paving	3,467.4	square yards.
" " " repaving	1,328.5	" "
" " " " second time	2,208.8	" "

EXPENDITURES IN 1895.

Labor of all kinds, including engineering	$3,774 12
Gutter-stone (regulation)	14 03
New flag-stones	199 27
Labor and material for inlets (contract)	155 55
Cement	39 00
Hauling	603 36
Granite blocks	1,896 65
Hardware	7 10
Draughting supplies	5 95
Special circular gutter-stones	43 92
Inlet covers	25 87
Oil, etc	5 60
Tool sharpening	48 38
Sand	404 40
Granolithic pavement (contract)	223 89
Livery	36 00
Consolidated Gas Company (moving pipe)	9 10
Total amount expended in 1895	$ 7,492 19
" " " " 1893 and 1894	33,297 34
Grand total	$40,789 53

This street was paved by city labor with granite blocks, excepting that part of the street occupied by and between the railway tracks, which was paved by the Traction Company with blocks furnished by the city. I will not speak of the difficulties encountered in paving this street, as this subject was mentioned in the report for 1894.

Fort avenue, from Hanover street to Martin street: Ordinance No. 45, approved March 22, 1893. Source of payment, Six Million Dollar Loan. Length, 2,944 linear feet. Width, 39 feet and 49 feet. Granite block paving, 8,587 square yards. Work commenced October 25, 1894. Work stopped June 28, 1895. The street was paved from Lawrence street to within 40 feet of Light street, with the exception of that portion occupied by and between the railway tracks.

EXPENDITURES IN 1895.

Labor of all kinds, including engineering	$9,878 73
Granolithic gutters (contract)	30 33
Iron gutter-plates	19 74
Typewriting	15 00
Oil and lamps	10 00
Hauling	1,851 71
Rubber boots	6 30
Granite blocks	4,052 66
Crushed stone	50 00
Draughting supplies	6 00
Tools, etc	95 95
Rent of storage lot	112 50
Bricks	72 00
Flag-stones	11 48
10-inch gutter-stones	509 19
Lumber	31 80
Sand	669 64
Repairing tools	298 81
Livery	85 00
Repairing water-stops	6 35
Cement	31 80
Repairing and resetting kerb	8 00
Printing annual report	24 15
Advertising	20 80
Transportation	15 00
Total expenditures in 1895	$17,912 94
" " " 1894	46,716 21
" " " 1893	7,465 04
Grand total	$72,094 19
Appropriation	$100,000 00
Total expenditures	72,094 19
Unexpended balance	$27,905 81

Pratt street, from Howard street to Frederick avenue: Ordinance No. 123, approved May 8, 1893. Source of payment, Six Million Dollar Loan. Work commenced, August 14, 1894. Work completed, December 27, 1894. Length, 9,375 feet 7 inches. Width, 39 feet and 41 feet. Granite block paving, 34,911 square yards. Nature of work, granite block paving, except that portion occupied by and between the railway tracks.

EXPENDITURES IN 1895.

Labor of all kinds, including engineering	$3,353 08
Livery	29 00
Hauling	437 20
Granite blocks	151 30
Crushed stone	31 16
Iron gutter-plates	35 27
Typewriting	9 10
Cement	6 40
Kerb circles	40 24
Sand	584 25
Rubber boots	3 15
Special open stone-gutters	26 85
Repairing tools	27 10
Rent of storage lot	7 50
Advertising	6 00
Expended in 1895	$ 4,747 60
" " 1894	153,738 78
Total expenditures	$158,486 38
Appropriation	$158,490 26
Expenditures	158,486 38
Unexpended balance	$3 88

The above appropriation was secured from the unexpended balances on the following streets:

Frederick avenue, Ordinance No. 11, 1893	$78,510 75
Light street, Ordinance No. 17, 1893	43,156 77
St. Paul street, Ordinance No. 21, 1893	36,822 74
	$158,490 26

Gay street, from Aisquith street to North avenue: Ordinance No. 15, approved February 27, 1893. Source of payment, Six Million Dollar Loan. Work commenced August 13, 1894. Work completed October 25, 1894. Nature of work, granite block paving, except that portion occupied by and between the railway tracks. Length, 7,107 linear feet. Width 23.75 feet and 13.58 feet.

EXPENDITURES.

Labor of all kinds, including engineering	$756 61
Rubber coats and boots	7 65
Advertising	5 00
Printing annual report	24 15
Expenditures in 1895	$ 793 41
Expenditures in 1893 and 1894	94,267 71
Grand total	$95,061 12
Appropriation	$166,000 00
Total expenditures	95,061 12
Unexpended balance	$70,938 88

Boston street, from Canton avenue to eastern city limits: Ordinance No. 39, approved March 16, 1893. Source of payment, Six Million Dollar Loan. Work commenced April 19, 1894. Work completed August 18, 1894. Length, 5,369 linear feet. Width paved, 36 feet 10½ inches. Number of square yards paved, 20,480.56. Nature of work, granite block paving, except that portion occupied by and between the railway tracks.

EXPENDITURES.

Pay rolls	$ 848 07
Granite blocks	1,855 49
Typewriting	15 00
Printing annual report	24 15
Hauling	10 00
Expended in 1895	$ 2,752 71
" " 1894	88,001 68
" " 1893	5,870 33
Grand total	$96,624 72
Appropriation	$105,000 00
Total expenditures	96,624 72
Unexpended balance	$8,375 28

Aliceanna street, from Caroline street to Boston street: Ordinance No. 28, approved March 7, 1893. Source of payment, Six Million Dollar Loan.

EXPENDITURES IN 1895.

6-inch granite kerb	$2,220 00
Expended in 1894	2,617 68
" " 1893	3,976 15
Grand total	$8,813 83
Appropriation	$76,000 00
Expenditures	8,813 83
Unexpended balance	$67,186 17

This kerb was, by order of the Mayor, delivered on Eastern avenue between Broadway and Luzerne street.

Franklin street, from St. Paul street to Charles street, and from Howard street to Pennsylvania avenue: Ordinance No. 18, approved February 27, 1893. Source of payment, Six Million Dollar Loan.

EXPENDITURES.

Labor and engineering	$592 81
Typewriting	35
New 6-inch granite kerb	396 04
Engineering stakes	6 00
10-inch gutter-stones	94 91
Granite blocks	244 72
Hauling	272 63
Advertising	19 23
Rent of storage lot	20 00
Expended in 1895	$1,646 69
" " 1894	2,337 52
" " 1893	362 73
Grand total	$4,346 94
Appropriation	$42,000 00
Total expenditures	4,346 94
Unexpended balance	$37,653 06

Holliday and other streets: Ordinance No. 24, approved March 6, 1893. Source of payment, Six Million Dollar Loan. Length, 8,355 linear feet. Width, 24.6 feet, 26.5 feet, 39.9 feet, 29.6 feet, 39 feet, 53 feet, at various places. New granite block paying, 22,828 square yards. Work commenced June 14, 1894. Work completed April 19, 1895. Paved with granite blocks, except that portion occupied by and between the railway tracks.

EXPENDITURES.

Labor of all kinds, including engineering	$2,446 14
Moving water-mains	154 66
Draughting supplies	7 00
Oil	6 00
Cement	36 25
Granolithic sidewalks (contracts)	66 66
Sand	558 80
Hauling	98 00
Bricks	54 60
Repairing tools	17 88
New flag-stones	31 17
Amount carried forward	$3,477 16

Amount brought forward	$3,477 16
Typewriting	24 40
Printing annual report	24 15
Livery	25 00
Repairing and resetting kerb (contract)	8 00
Rubber boots and coats	9 45
Rent of storage lot	16 67
Manhole castings	31 15
Expended in 1895	$ 3,615 98
" " 1893 and 1894	135,622 59
	$139,238 57
Appropriation	$180,000 00
Expenditures	139,238 57
Unexpended balance	$40,761 43

Park avenue, from Fayette street to Howard street: Ordinance No. 35, approved April 6, 1894. Appropriation $75,000. Source of payment, Six Million Dollar Loan.

EXPENDITURES IN 1895.

Engineering, etc	$ 234 58
Expended in 1894	3,597 08
Total expenditures	$3,831 66

This street was paved between Lexington street and Saratoga street with Mosaic blocks last year, and charged against this appropriation, an account of which appears in the report for 1894.

SPECIAL ORDINANCES AND RESOLUTIONS.

Penn street, from Columbia avenue to Haw street: Appropriation $1,500.00. Source of payment, tax levy for 1895. Work commenced July 13, 1895. Work completed July 26, 1895. Length, 379 linear feet. Width, 23½ linear feet. Resolution No. 4, approved April 25, 1895.

EXPENDITURES.

Labor of all kinds, including engineering	$1,332 12
Establishment of grade by City Surveyor	10 00
Ten-inch gutter-stone, 300 linear feet, at 18 cents	54 00
Engineering stakes	6 00
Sand, 120 cubic yards, at 75 cents	90 00
Advertising	7 88
	$1,500 00

In the construction of this street, old material from the storage yards was used, excepting some of the gutter-stones as shown above. The cobble repaving and kerb reset includes the necessary remodeling of Fremont street at its intersection with Penn street and Columbia avenue.

QUANTITY OF WORK DONE.

Cobble paving	8,710.77	square	feet.
Cobble repaving	5,161.64	"	"
Kerb set	517.8	linear	"
Kerb reset	198.8	"	"
Kerb circles reset	15.5	"	"
Two-foot flags set	77	"	"

Intersection of Paca street and Druid Hill avenue: Resolution No. 132, approved May 10, 1895. Appropriation $200.00, from the tax levy for 1895. Work completed June 8, 1895.

EXPENDITURES.

Labor and engineering		$43 53
Special granite circles, 17 linear feet	at $2.50	42 50
" circular gutters, 38.58 square feet	at 1.25	48 22
Hauling		1 50
Flagging, 100 square feet	at .19½	19 50
Resetting kerb and cobble repaving (contract)		44 73
		$200 00

Ridgely and other streets to gravel: Resolution No. 113, approved April 20, 1895. Appropriation $2,000.00, from the tax levy for 1895.

EXPENDITURES.

Engineering, inspection, etc	$ 227 51
Gravel and hauling of same, 2,247 cubic yards crushed gravel, at 78c	1,752 66
	$1,980 17

Appropriation	$2,000 00
Expended	1,980 17
Unexpended balance	$19 83

To raise the grade of Ridgely street at Ostend street: Ordinance No. 42, approved April 30, 1895. Appropriation $2,000, from the tax levy for 1895. Work commenced July 27, 1895. Work completed October 18, 1895.

EXPENDITURES.

Labor of all kinds, including engineering	$1,534 82
Sand (special), 46 cubic yards, at 75c	34 50
Bricks, 16,000, at $12	192 00
Hauling crushed stone (contract)	7 50
Repairing tools	16 65
Livery	12 00
Lumber	16 98
Oil	2 05
Ice	3 10
Stone inlet cover	70 00
Cement, 65 barrels, at different prices	110 40
	$2,000 00

Quantity of work done:

Kerb set	644.6 linear feet.
Kerb circles set	20.3 " "
Cobble repaving	8,736.4 square "

Which does not include the paving lying within and between the tracks.

The cost of this work was increased to the extent of about two hundred dollars ($200) by damage done by the immense flow of water during two very severe storms, and was delayed by the railway company and by the difficulty in procuring such a large inlet cover.

In addition to grading, paving and resetting kerb, it was necessary to move two inlets about 55 feet to the northeast of their old location.

This was done by brick extensions of the stone culverts under the B. & O. R. R. tracks.

Across the tops of the brick walls was laid heavy oak, covered with sand.

Bush and Herkimer streets: Ordinance No. 113, approved June 21, 1895. Source of payment, tax levy for 1895. Grading begun July 29, 1895. Paving begun November 2, 1895. Paving stopped December 13, 1895.

EXPENDITURES.

Labor of all kinds, including engineering	$3,791 47
27,585 loads of dirt, at 10c	2,758 50
411 loads of gravel, at 20c	82 20
Livery	33 00
Repairing and cleaning engineer's level	5 00
Gutter-stones, 200 linear feet, at 18c	36 00
Repairing tools	14 47
Engineering stakes	3 00
Transportation	17 58
City Surveyor	124 00
Total expenditure	$6,865 22

Appropriation	$8,000 00
Expenditures	6,865 22
Unexpended balance	$1,134 78

Approximate quantities of work done in 1895:

Kerb set	996 linear feet.
Kerb circles set	6.3 " "
Cobble paving	18,914 square "
Flags set	148 " "
Blocks	4.10 " yards.

Herkimer street has been paved almost to Bayard street, and graded to Bush street on the established grade, a maximum fill of over eight feet.

In accordance with the ordinance, old kerb, gutters, flags and cobbles from the city's storage yards have been used in the construction of this pavement, with the exception of the gutter-stone mentioned above.

Macadamizing Ferry Bar road, from Marshall avenue to Ferry Bar: Resolution No. 142, approved May 15, 1895. Appropriation $250, from the tax levy for 1895.

EXPENDITURES.

Engineering, etc.	$ 54 52
Crushed stone, 253,600 pounds, at $1.40 per 2,320 pounds	153 03
Hauling and spreading same (contract), at 30 cents	32 79
Additional hauling and spreading 32⅓ cubic yards, at 30 cents	9 66
	$250 00

Resolution to macadamize Philadelphia road, from Luzerne street to the eastern city limits, and East Monument street, from Port alley to eastern city limits: Resolution No. 88, approved April 24, 1895. Appropriation $2,000, from the tax levy for 1895.

EXPENDITURES.

Engineering, inspection and labor	$740 87
Crushed stone, 1,250,740 pounds, at $1.25 per 2,300 pounds	679 75
Hauling and spreading of same (contract)	428 68
Oil	54
Lumber	74 48
Hardware	15 00
Livery	15 00
Repairing tools	40
Transportation	4 40
Advertising	40 88
	$2,000 00

In connection with this work the board-walk leading east from Fayette and Luzerne streets was thoroughly repaired, and a new drain-box 188 feet long was constructed to protect the road from the immense body of water which flows on Fayette street during a storm.

The cost of this box was, by your orders, charged partly to the ordinance for macadamizing East Baltimore street, which follows:

East Baltimore street, from Chesapeake street to the eastern city limits, to macadamize: Resolution No. 89, approved April 24, 1895. Source of payment, tax levy for 1895.

EXPENDITURES.

Engineering, inspection, labor. etc.	$ 144 29
Crushed stone, 2,944,010 lbs., at $1.25 per 2,300 lbs.	1,600 00
Hauling and spreading of same (contract)	81 98
Lumber	158 44
Hardware	3 30
Advertising	10 55
Total expenditures	$1,998 56
Appropriation	$2,000 00
Expenditures	1,998 56
Unexpended balance	$1 44

The cost of the following streets is assessed against property-holders, as provided in Ordinance No. 33, approved March 14, 1893, and in the ordinance amending that ordinance, being Ordinance No. 50, approved March 24, 1893:

Pulaski street, from Baltimore street to Frederick avenue: Ordinance No. 135, approved May 9, 1893. Work commenced July 18, 1895. Work completed August 31, 1895.

EXPENDITURES.

Engineering, inspection, etc	$ 712 46
Advertising	78 44
Flag-stones, 815 square feet ..... at 19½c.	158 93
Granite blocks, 18⅛ square yards ..... at 95c.	17 43
Livery	10 00
Grading, paving, kerbing, etc. (contract)	2,019 38
City Surveyor	18 00
Transportation	8 00
Expended in 1895	$3,022 64
Less 10 per cent. retained under contract for two years	224 37
Total	$3,247 01

The following amount of work was done by Contractor Patrick Reddington:

Grading	1,938	cubic yards	at 10c.
New cobble paving	28,030.22	square feet	at 5c.
Cobble repaving	5,546.88	" "	at 2½c.
New 4½-inch kerb	1,275.5	linear "	at 37c.
Old kerb reset	286.22	" "	at 8c.
New circles	17.12	" "	at 74c.
Old circles reset	14.15	" "	at 16c.

Eastern avenue, from Luzerne street to the eastern city limits: Ordinance No. 203, approved June 26, 1893. Total length, 2,366 feet. Width paved, 26½ feet.

EXPENDITURES.

Engineering and Superintendence	$429 00
Advertising	78 85
Blue prints	4 45
Transportation	5 51
	$517 81

Work on this street was commenced on December 3, and is completed between Streeper street and the eastern city limits. Owing to bad weather paving has been discontinued. Contractor, Patrick Reddington.

Johnson street, from Randall street to Wells street, to grade, pave and kerb: Ordinance No. 108, approved May 31, 1894.

EXPENDITURES.

Engineering, etc	$249 66
City Surveyor	18 00
Advertising	53 58
	$321 24

Assessments, grades, etc., are all prepared on this street, and I have received your instructions to proceed with the work as soon as the weather will permit.

The following streets are undergoing the various processes necessary before paving can be commenced:

Luzerne street, from Canton avenue to Eastern avenue, to grade, pave and kerb: Ordinance No. 97, approved June 7, 1895.

EXPENDITURES.

Engineering, etc	$160 65
Advertising	88 88
Transportation	9 15
Blue prints	1 88
Total	$260 56

Rose street, from Foster avenue to Fait avenue, to grade, pave and kerb: Ordinance No. 114, approved June 5, 1895.

EXPENDITURES.

Engineering, etc	$127 50
Advertising	69 76
Blue prints	40
Total	$197 66

Milton avenue, from Orleans street to Monument street, to grade, pave and kerb: Ordinance No. 90, approved June 3, 1895.

EXPENDITURES.

Engineering, etc	$205 83
Draughting supplies	10 00
Blue prints	50
Advertising	44 23
Total	$260 56

Jefferson street, from Patterson Park avenue to Milton avenue, to grade, pave and kerb: Ordinance No. 88, approved June 3, 1895.

EXPENDITURES.

Engineering, etc.	$273 45
Blue prints	30
Draughting supplies	10 00
Advertising	71 13
Total	$354 88

Cannon street, from Eastern avenue to Fait avenue, to grade, pave and kerb: Ordinance No. 75, approved May 22, 1895.

EXPENDITURES.

Engineering, etc.	$219 59
Advertising	9 00
Transportation	10 00
Blue prints	50
	$239 09

Hamburg street, from Riverside avenue to Federal Hill Park, to grade, pave and kerb: Ordinance No. 101, approved June 11, 1893.

EXPENDITURES.

Engineering, etc.	$165 41
Draughting supplies	10 00
Advertising	76 69
Blue prints	1 16
	$253 26

Montford avenue, from Baltimore street to Monument street, to grade, pave and kerb: Ordinance No. 109, approved June 18, 1895.

EXPENDITURES.

Engineering, etc.	$177 50
Advertising	75 53
Transportation	5 51
Blue prints	1 04
	$259 58

McElderry street, from Montford avenue to Milton avenue, to grade, pave and kerb: Ordinance No. 104, approved June 11, 1895.

EXPENDITURES.

Engineering, etc.	$137 50
Advertising	22 48
	$159 98

Covington street, from Fort avenue to Wells street, to grade, pave and kerb: Ordinance No. 127, approved July 3, 1894.

EXPENDITURES.

Engineering, etc	$238 83

Clement street, from Hull street to Garrett street, to grade, pave and kerb: Ordinance No. 125, approved July 3, 1894.

EXPENDITURES.

Engineering, etc	$25 00

Ridgely street, from Ostend street to Bayard street, to grade, pave and kerb: Ordinance No. 94, approved May 18, 1894.

EXPENDITURES.

Engineering, etc	$626 27
Crushed stone	17 97
Advertising	4 65
	$648 89

Bayard street, from Columbia avenue to Paca street, to grade, pave and kerb: Ordinance No. 93, approved May 18, 1893.

EXPENDITURES.

Engineering, etc	$25 00

No engineering work was done on the following streets in 1895, for which ordinances have been passed and approved:

Ordinance.	*Street.*	*From.*	*To.*
137, 1893	Marshall street	Beverly street	Fort avenue.
162, 1893	Andre street	Clement street	Marriott street.
163, 1893	Beason street	Andre street	Hull street.
90, 1894	Beason street	Andre street	Stewart street.
91, 1894	Richardson street	Clement street	Beason street.
95, 1894	Monroe street	Columbia avenue	Monroe-street bridge.
97, 1894	Gunpowder street	Columbia avenue	Ohio avenue.
114, 1894	Fifth lane	Jackson street	Water line.
126, 1894	Cooksie street	Clement street	Cuba street.
128, 1894	Lawrence street	Fort avenue	Clement street.
129, 1894	Scott street	Stockholm street	Ridgely street.

In making this report I have experienced considerable difficulty in checking my books with those of the City Commissioner, due to the fact that several persons have made charges against the same appropriation and no record of who made the charges shows on the books.

The best way to remedy this would be to mark the initials of each assistant opposite the amounts charged in his name,

and to let the small bills of each assistant be bunched separately.

I also suggest that all bills against the appropriations allotted to the different assistants pass through the hands of the assistant in charge of that piece of work. This will prevent overspending the amount of the appropriation.

I wish to call attention to the lack of foundation under our pavements.

I was very much impressed, during a recent visit in New York, by the good condition of Broadway, due to the use of a concrete bed, grooved rails and the use of paving pitch in the joints.

The grooved rail is largely used in other cities, and I wish that some legislation could be enacted here compelling their use in this city.

The concrete foundation is also much used in other cities, and has been found well worth the additional expense.

The use of a cobble-stone foundation, as you suggested some time ago, would undoubtedly be a great improvement over our present foundations of sand, and at the same time cheaper than concrete, but not as durable.

The paving pitch prevents water from getting under the blocks, and is a great improvement to the pavement.

Some of the ordinances passed in the last year or two have required the City Commissioner to pave streets, excepting that part occupied by the railway tracks and two feet outside. (This last clause has never been observed).

The folly of this is clearly shown on several of the newly-paved streets, particularly Light street, south of Cross street, where the granite block pavement is so narrow as to be of very little practical use.

If the railway companies cannot be compelled to use improved pavements, then the city might furnish the improved material, as was done on Fayette street.

The result of paving within two feet of the track would result in a bad joint, and probably a gutter at that point.

The Mosaic block pavement makes what I should call a first-class cobble pavement; it has not a flat base and is not uniform in size, and I do not see why it should cost very much more than the cobble pavement.

Some cities have the very excellent law which does not allow the tearing up of new pavements to admit pipes, drains, etc., until a stated time after the completion of the pavement.

I regret that Baltimore streets are not similarly protected,

I suggest that a law be enacted compelling property holders on streets paved with improved pavements to use improved sidewalks, such as flagstones, concrete or asphalt blocks.

The brick walks at present are eminently unsatisfactory.

In the construction of cobble pavements, I suggest that the rebut be omitted and the gutter placed directly against the kerb, as in the granite block pavement.

This would necessitate a change in the specification for kerb and gutter-stones.

In closing this report I wish to suggest that the City Commissioner's Report be thoroughly indexed.

It has not been done heretofore, and is very much needed.

Yours respectfully,

HOWARD D. COALE,

Assistant City Commissioner.

REPORT OF CHAS. P. KAHLER, ASSISTANT CITY COMMISSIONER.

Janon Fisher, Esq., City Commissioner:

SIR.—I have the honor to submit the following report, showing the location and nature of the work done during the past year on the various sewers, etc., under my charge and supervision.

The accompanying table, furnished from the records of the Weather Bureau in this city, *shows the amount of rain* which fell during the past year:

1895.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
No. of days	16	5	13	11	13	10	9	6	5	4	10	12	114
No. of ins.	4.67	.83	2.94	7.42	3.04	2.83	3.40	2.43	6.01	2.20	1.86	2.84	40.47

Extraordinary rains, several of which caused considerable damage, fell on the following dates:

April 8, 2.37 inches.

July 5, .99 inch in 40 minutes.

August 11, .61 inch in 2 hours.

August 31, .78 inch in 42 minutes; of this, .64 fell in 14 minutes.

September 6, 4.76 inches in 16 hours and 35 minutes; nearly all fell in 1 hour and 30 minutes.

NEW SEWERS, ETC.

The work done in accordance with the ordinances and resolutions of the Mayor and City Council is as follows:

BUSH-STREET SEWER.

Ordinance No. 165, 1889.

This sewer extends from Ranstead's Dock, at the headwaters of the Middle Branch of the Patapsco River, northwesterly in the bed of Bush street to James street, at a point where Calhoun street, if it were extended south from the north side of the Baltimore and Ohio Railroad tracks, would intersect James street; thence northerly in the line of said Calhoun street to Herkimer street; thence northeasterly in the bed of Herkimer street to Wooster or Carey street; thence northerly and connects with the old Schroeder's Run sewer at the south side of the Baltimore and Ohio Railroad in Carey street.

It consists of three sections, the first having a span of 25 feet wide by 9 feet high, 2,096.5 feet long; the second having a span of 19 feet wide by 10 feet high, 1,208 feet long, and the third having a span of 17 feet wide by 10 feet high, 1,721.5 feet long, making a total length of 5,026 feet.

A full detailed description of the construction of this work was given in the annual reports of the years 1892, 1893 and 1894, it having been completed in those years with the exception of the wing walls at its outfall; the topping out of the man-holes, and the connection with the old Schroeder's Run sewer in Carey street at the south side of the Baltimore and Ohio Railroad's bridge over said street, and the construction of one inlet at the northwest corner of Carey and Herkimer streets, and four inlets at the intersection of Herkimer and Bayard streets, which were completed during the past year.

DRUID HILL-AVENUE INTERSECTING SEWER.

Ordinance No. 48, approved April 30th, 1891.

Instructions were given me to prepare plans and estimates for a sewer to relieve the district drained by the McMechen street and Druid Hill-avenue sewer, and after a careful examination of the district and its surroundings, I found that a sewer could be constructed to perform the twofold duty of relieving the district drained by this sewer, as well as all the district north of North avenue to Druid Hill Park, and west from Mt. Royal Terrace to McCulloh street.

It had been generally claimed that on account of the bed of North avenue west from Jones' Falls to Mt. Royal

avenue being occupied by the Baltimore and Potomac Railroad tunnel and the several large water-mains of the city, it was impracticable to construct a sewer of any capacity in said avenue between these points; but after carefully going over the ground, I found the following described route feasible, and prepared plans accordingly:

To construct a sewer southwesterly from a point in the west side of Jones' Falls, north of North avenue bridge, through the Northern Central Railroad Company's property, and under their tracks, to a point under the north sidewalk of North avenue; thence westerly under the north sidewalk of North avenue to a point opposite Mt. Royal avenue; thence southwesterly across North avenue, passing diagonally across the thirty-six-inch water-main of the city and an old stone sewer, and also under the thirty-inch water-main in the centre of said avenue to the south side of its driveway; thence westerly under the south side of said avenue to Park avenue; thence southerly in the bed of Park avenue to Laurens street, and thence southwesterly in the bed of Laurens street to Druid Hill avenue, and there connect with the Druid Hill-avenue sewer.

A connection was also to be constructed in the intersection of North and Park avenues, from which, in the future, when required, a sewer could be constructed westward in North avenue to Madison avenue, to relieve that portion of North avenue.

Right-of-way and permission to construct the work through their property having been kindly granted by the Pennsylvania Railroad, this plan was adopted.

The first approximate estimate for this work was $225,000. I was afterwards instructed to reduce this to $190,000, leaving out the estimate for the difficulties which were liable to be encountered in its construction.

This plan and estimate was made previous to the plans for the Belt Railroad and the new North-avenue bridge.

On account of the construction of these two large works, which were partially over this sewer where it passed through the ground occupied by them, it became necessary to construct it a great deal stronger than would otherwise have been the case, especially westerly from the point where the south end of the heavy abutment of the Belt Railroad bridge over the Pennsylvania Railroad tracks and Jones' Falls rests on it, and along the north side of North avenue, where it has to support a portion of the new retaining wall of the ap-

proach to the new North-avenue bridge, westward to a point 170 feet west from the intersection of North avenue and McMechen street.

These circumstances necessitated a change in the plans and a great deal stronger construction, and naturally an increase in the cost from the original plans and estimates.

Unforeseen difficulties were encountered in North avenue, where the sewer was constructed over the thirty-six-inch water-main and an old stone sewer, and under the thirty-inch water-main. It was found necessary to tear out the old sewer and rebuild it to get a secure foundation for the new one over it, and considerable difficulty was encountered in constructing the work and properly securing the thirty-inch water-main.

This work was done in tunnel, as it was found the safest plan, on account of the heavy flood of water which flows down North avenue during every heavy rainfall.

An eight-inch drain-pipe was encountered in North avenue, from a point east of John street to Park avenue; this had to be taken up and relaid between these points on the north side of the avenue. From a point in North avenue, between John street and Park avenue, westward to Park avenue, south in Park avenue to Laurens street, and southwesterly in Laurens street, hard material was encountered in the tunnel, and it was found that the most economical and successful way to remove this was by blasting; this was done until the very many objections to and complaints made about it by the adjoining property-owners caused orders to be issued in September, 1894, to cease blasting.

From that time the excavating to Shaft No. 4, between Madison avenue and McCulloh street, was done by picking and wedging, in consequence of which the work proceeded more slowly, and the cost was increased about forty per cent. more than would otherwise have been the case.

From Shaft No. 4, to as far as the work has been completed, soft material and running sand, with a great deal of water, were encountered, which caused consiberable trouble, and naturally the progress of the work has been slow and more costly.

A great amount of water was encountered throughout the whole of the work, which caused a great deal of trouble and required constant pumping day and night.

All the above-enumerated changes and difficulties presented themselves as the work progressed, and were entirely

unforeseen, and therefore could not intelligently be accounted for in making out the estimate of the cost in the beginning.

There has been constructed of the section of sewer, eight feet in diameter, as follows:

	Linear Feet.	*Total Linear Feet.*
In open cut, through hard rock, requiring blasting....	200	
" " " " rotten " " "	280	480
" " " " " " " picking and wedging	300	300
In open cut, through loam and sand, requiring picking.	771.68	771.68
Total in open cut.....	1,551.68	
In tunnel, through rock, requiring blasting.....	206	206
" " " loam and sand, requiring picking..	369.5	369.5
Total in tunnel.....	575.5	
Total constructed.....		2,127.18

There has been constructed of the section of sewer, seven feet in diameter, as follows:

	Linear Feet.
In tunnel, through rotten rock and hard material, requiring blasting to economically remove it, only a small portion of which was permitted to be blasted on account of the complaints of the property-holders along the line, being compelled to pick and wedge our way through it at a greater cost than by blasting.....	1,850.16
In tunnel, through soft material and running sand, requiring stone cradle (on account of the soft material in the bottom, about 100 feet of which had to be built on a timber platform four inches thick).....	288.61
In open cut, through filled in ground and soft material, requiring a heavy stone cradle.....	146.66
Total	2,285.43
Total of 8-foot section completed.....	2,127.18
" " 7 " " "	2,285.43
Total completed.....	4,412.61
There remains to be completed, in open cut, of the section seven feet in diameter, on the curve into Druid Hill avenue.... ...	22.90
There remains to be constructed of the 4½-foot section under the Traction Company's tracks on the curve into Druid Hill avenue, connecting with the old Druid Hill-avenue sewer....	29.81
Total length when completed.....	4,465.32

In connection with the above were constructed the outfall of the sewer of heavy rubble broken-range masonry at the

west side of Jones' Falls, with its wing walls, parapet and timber apron, the four vertical drops eight feet square, with cast-iron inverts, and the sides and ends faced with heavy dimension stone, with depths of eighteen, six and one-half, four and one-half and five feet, respectively, the first two being excavated in hard and rotten rock requiring blasting.

On the line of the main tunnel four shafts were constructed to depths of 27, 43½, 41½ and 28 feet, respectively, for the purpose of hoisting and lowering materials for the construction of the sewer.

Of the above there was completed during the year 1895 of the section seven feet in diameter in tunnel 184 feet between Shafts No. 3, in Laurens street, near Eutaw Place, and No. 4, in Laurens street, near Madison avenue; 18.33 feet in Shaft No. 4; and from a point 91.5 feet west from Shaft No. 4, 192.12 feet of the same section in tunnel west in Laurens street.

From the end of the last-mentioned tunnel section, the section seven feet in diameter was constructed west in Laurens street in open cut 146.66 feet to the east building line of Druid Hill avenue, making total of 398.45 feet of sewer seven feet in diameter completed in tunnel, and 146.66 feet of the same diameter in open cut.

A man-hole 27 feet in height was built in Shaft No. 3, and also one 14 feet in height in Shaft No. 4; the shaft-houses, machinery and timbers removed and the shafts filled in.

There remains to be constructed about 23 feet of the 7-foot section and about 30 feet of the 4½-foot section on the curve in the intersection of Druid Hill avenue and Laurens street, under the Traction Company's tracks in Druid Hill avenue, to connect the new with the old sewer in Druid Hill avenue.

Appropriation should be made to construct inlets into this sewer at the following points: North avenue, at the beginning of the west approach, to the new North-avenue bridge; at the intersection of North and Park avenues; at the intersection of Laurens street and Linden avenue; at the intersection of Laurens street and Morris alley; at the intersection of Laurens street and McCulloh alley, and at the intersection of Laurens street and Druid Hill avenue.

FREMONT-AVENUE SEWER.

Ordinance No. 52, 1893.

This sewer, circular in shape, when completed will extend northwesterly in Fremont avenue, from the end of the old sewer in the intersection of Pratt street and Fremont avenue, to Lanvale street, a distance of 4,759 feet.

A detailed statement of the work done in the year ending December 31, 1894, will be found in the annual report of that year.

From Pratt street to a point about midway between Fayette and Vine streets the sewer is constructed on the east side of Fremont avenue. Owing to the trouble encountered on that side of the avenue, on account of the large twenty-inch gas-main, as well as water and drain-pipes, it was deemed advisable to change the line of the sewer to the west side of the avenue, which was done, and the sewer constructed from the above point by a curve to the west, a short tangent, and another curve to the north, under the Traction Company's tracks, to the west side of the avenue; thence northwesterly along the west side of it.

The sewer has been completed to a point 157¼ feet south of the kerb line of Saratoga street, a total length of 2,412½ feet; of this length, 1,381 feet were constructed during the year 1895, as well as four man-holes and eight inlets.

The following table shows the location, size and length of the several sections of this sewer as far as completed:

Location in Fremont Ave.	Sections	Radius of Curve.	Diameter in Ft. and Ins.	Length in Ft & Ins	Grade per 100 Ft.
At Pratt street	Conical.	.....	8′x5′ to 5′	12′- 0″	.....
To Lombard street	Straight	.....	5′-0″	454′- 2″	2.458
Lombard to German street	"	.....	5′-0″	427′- 6″	1.569
German to Baltimore street	"	.....	5′-0″	256′- 3″	1.748
Baltimore to Fayette street	"	.....	5′-0″	439′-10″	1.503
At Fayette street	Conical.	.....	5′ to 4′-9″	6′- 0″	1.503
Bet'wn Fayette and Vine sts.	Straight	.....	4′-9″	66′- 3″	1.503
" " " " "	Curve	30 feet.	4′-9″	23′- 7″	2.000
" " " " "	Straight	.....	4′-9″	14′- 5″	1.503
" " " " "	Curve	30 feet.	4′-9″	23′- 7″	2.000
To Lexington street	Straight	.....	4′-9″	301′- 8″	1.750
At Lexington street	Conical.	.....	4′-9″ to 4′-6″	6′- 0″	1.541
To Waesche street	Straight	.....	4′-6″	381′- 3″	1.541
				2412′-6″	

The material through which the excavation was made, as was described in last year's annual report, consisted mostly of sand, interspersed with strata of clay. The soil a few feet below the surface of the street is filled with water, forming what is known as running sand, which required careful timbering and the caulking of many of the joints between the timbers to prevent the material from running through. The maximum depth of the excavation was sixteen feet, and the minimum about twelve feet.

In consequence of the character of the material through which the sewer was constructed, a rubble-stone craddle was laid in the best American hydraulic cement, in which to build the sewer.

Between Baltimore and Fayette streets a twenty-inch gas-main had to be taken care of in the west side of the trench, whilst in the east side a twenty-inch terra cotta pipe discharging all the surface water from the intersection of Fremont avenue and Fayette street had to be securely cared for; had it been broken, it would have flooded the work.

Trouble was encountered in passing under the Baltimore City Passenger cable-way at Baltimore street, and the Traction Company's cable-way at Fayette street; this work was done the same as by tunnel.

The heavy rainfall of July 5 caused a washout at the northeast corner of Fayette street and Fremont avenue, leaving an opening about twenty feet wide by thirty feet long over the sewer and under the railway tracks, breaking several gas and water-mains, but doing no damage to the sewer.

The heavy rainfall of August 11 caused a washout under the railway company's tracks, on account of the company's people not having properly rammed the material at the intersection of Fremont avenue and Fayette street, but caused no damage to the sewer.

The heavy rainfall of September 6, which was remarkable not only for the volume falling, but also for the long duration, caused a serious washout at the intersection of Vine street and Fremont avenue, doing no injury to the sewer, but washing down the paving-stones and kerbs, breaking several gas and water-mains and drain-pipes, and undermining the Traction Company's tracks, and at one time threatening the houses on the west side of the avenue.

FORT-AVENUE SEWER.

Ordinance No. 72, 1893.

This sewer has been constructed from the Port Warden's line of the Middle Branch of the Patapsco river easterly in the bed of Fort avenue to the east side of Light street, a distance of 2,759 feet.

The original shore line was about 203 feet east of the Port Warden's line, and the ground between these points filled in and very soft; it was therefore necessary, in order to get a secure foundation on which to build the sewer, to drive 391 piles for a distance of 181 feet to an average depth of 32.7 feet, the longest being 39 feet.

As the piles on which the sills supporting the timber platform were laid and bolted had to be cut off at their proper depth below mean tide, it became necessary to construct a coffer-dam 28 feet 8 inches wide by 96 feet long on each side, and place in service a boiler, engine and pump to keep down the water.

East from where the pile foundation ended, for a distance of 147 feet the ground, although it did not require piling, was not stable enough for the foundation without a timber platform; therefore a platform resting on sills was laid on the ground, the sills being 12x12 and the platform 6x12 inches Georgia pine, making a total length of 328 feet of timber platform.

On the platform a cradle of rubble-stone masonry was built, in which the sewer was constructed, and backed up with sufficient rubble-stone masonry to support it.

Easterly from the end of this platform the sewer was constructed to Light street, and whenever the character of the soil required it to get a secure foundation, the rubble-stone cradle was built, in which the sewer was constructed.

The following table shows the location, size and length of this sewer:

Location.	Section.	Diameter in Ft. and Ins.		Length in Ft. and Ins.		Total Length in Ft. and Ins.		Grade per 100 Ft.
		Feet.	Ins.	Feet.	Ins.	Feet.	Ins.	
Fort avenue, Port Warden's line to west kerb Race street....	Straight.	5	0	1,264	4			.500
West kerb Race st. to east kerb Charles st..	"	3	6	823	10			1.932
East kerb Charles street to east building-line Light street.....	"	3	0	670	9			1.526
						2,758	11	

Of the above there was completed during the year 1895, of the section five feet in diameter, $821\frac{33}{100}$ feet; three feet six inches in diameter, $823\frac{83}{100}$ feet, and three feet in diameter, $670\frac{75}{100}$ feet, making a total of $2,315\frac{91}{100}$ feet of sewer completed in 1895.

The sections of this sewer are circular in shape; the invert to the height of one-fourth of the diameter consists of granite blocks laid in the best Portland cement; the balance of the invert and the arch of brick laid in the best American hydraulic cement.

Five manholes were constructed along the line of the sewer of an average depth of ten feet.

The following inlets and their connections were constructed: One side one at the southeast corner and one corner one at the northeast corner of Leadenhall street and Fort avenue; one gutter-plate inlet at the northeast corner of Race street and Fort avenue; two gutter-plate inlets at the northeast and southeast corners of Hanover street and Fort avenue; other inlets have been commenced and will be completed as fast as the weather will permit.

All the repaving has been completed excepting at the intersection of Race street and Fort avenue, Charles street and Fort avenue, and Light street and Fort avenue.

A considerable amount of sand and gravel was encountered in the excavating for the sewer; this was saved and used in the work for repaving and mixing with the cements.

The intersection of Fort avenue and Leadenhall street was torn up and regraded and repaved, making a decided improvement in that intersection.

The gutter-plates across Hanover street at north and south sides of Fort avenue were taken up, and what were not required on the work were removed to the Belair storage lot.

The old gutters were filled up, and the intersection remodeled and repaved.

NORTH CHARLES-STREET SEWER.

This sewer, circular in shape, which is nearly completed, will extend from a point in the north side of Jones' Falls, about midway between Charles street and Maryland avenue, northeasterly through the Pennsylvania Railroad Company's property, and under their many tracks, (right-of-way having been kindly granted the city), to the intersection of Charles

and Lanvale streets; thence north in the west side of Charles street to Twenty-third street, a distance of 2,819 feet.

A detailed description of the construction of the first part of this work will be found in last year's annual report.

There were constructed during the past year in the bed of Charles street, from the south kerb line of Lafayette avenue to a point 70 feet north of the north kerb line of Twenty-second street, $1,731\frac{12}{100}$ feet, of which $541\frac{1}{2}$ feet consisted of a section five feet six inches in diameter; $399\frac{7}{100}$ feet of a section four feet six inches in diameter; $353\frac{18}{100}$ feet of a section four feet in diameter, and the balance, $437\frac{37}{100}$ feet, of a section three feet nine inches in diameter.

The ground from Lafayette avenue to the north side of North avenue was of a solid and tenacious character, and a portion of it, in the bottom of the trench across North avenue, consisted of a hard stratum of disintegrated rock, which had to be blasted.

The depth of the cut in excavation was from ten feet at Lafayette avenue to sixteeen feet at the north side of North avenue. This increase in depth was on account of a thirty-six-inch water-main crossing the trench in the north roadway of North avenue, and at a depth of eight feet nine inches below the surface. Extreme care had to be taken in constructing the sewer across North avenue, to guard against accident, on account of the numerous electric wires overhead, and the network of street railway tracks at that intersection.

The ground excavated in the trench between North avenue and Twenty-second street was softer, of a gravelly nature, and consequently contained considerable water. The depth of the cut averaged about thirteen feet.

North of Twenty-second street the excavation was through better material with but little water, attributable in a great measure to the higher elevation and the decrease in the depth of the cut, which averaged ten and one-half feet.

North from Lafayette avenue to the present head of the sewer a ten-inch terra cotta drain-pipe was encountered in the centre of the trench, with which several smaller drains were connected at all the intersecting streets and alleys. Provision had to be made to connect all of these drains with the sewer, on account of the main drain being removed as the work progressed. The main drain will have to be taken care of until the sewer is completed and then connected with it at its head. It has been a source of much trouble in excavating the trench, and has necessarily caused some extra expense in the cost of the work.

Five manholes, with an average depth of ten feet, have been completed.

The old inlet at the northwest corner of Charles and Lanvale streets was connected with the sewer. One inlet at the northwest and one at the northeast corners of Charles street and Lafayette avenue, and one at the northwest corner of North avenue and Charles street, have been completed; at the northwest corner of Charles and Twentieth streets the inlet has been nearly completed.

There remains to be completed $321\frac{38}{100}$ feet, three feet nine inches in diameter; one manhole, and seven inlets.

A great portion of the kerb has been reset along the west side of the street as far as the repaving has been done. The repaving has been completed to a point 130 feet north of Twenty-second street. The west side of the intersection of Charles and Lanvale streets has been repaved.

The old gutters across Lafayette avenue at the east and west sides of Charles street have been torn out and the intersection repaved, and also the gutter-plates across North avenue at the west side of Charles street have been removed and the street repaved.

MAIN SEWER, NORTH CHARLES STREET.

Location.	Section.	Radius of Curve	Diam.		Length.		Width.		Depth.		Grade per 100 Ft.
			Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	
Jones' Falls to a point in railroad yard	Straight.	.....	5	6	228	9½	.....		.....		1.763
From a point in railroad yard to south side of Lanvale street	"	.....	5	6	137	2⅝	.....		.....		2.000
Well south side of Lanvale street	Square.	.....			4	..	5	..	11	4⅝	2.000
From well south side of Lanvale street to intersection of Charles and Lanvale streets	Straight.	.....	5	6	28	4¼	.....		.....		1.570
Intersection of Charles and Lanvale streets	Curved.	35 feet.	5	6	20	11	.....		.....		1.570
From the north kerb of Lanvale street to a point eight feet south of north kerb of North avenue	Straight.	.....	5	6	888	8⅜	.....		.....		1.570
From eight feet south of north kerb of North avenue to a point sixteen feet north of north kerb of Twentieth street	"	.....	4	6	399	1	.....		.....		2.467
From a point sixteen feet north of north kerb of Twentieth street to north kerb of Twenty-first st.	"	.....	4	..	353	2¼	.....		.....		2.467
From north kerb of Twenty-first street to a point seventy feet north of north kerb of Twenty-second street	"	.....	3	9	437	2	.....		.....		2.467
					2,497	5					

LATERAL BRANCH.

Location.	Section.	Diam.	Length.		Grade per 100 Ft.
		Ins.	Ft.	Ins.	
In Lanvale street, from well to east kerb Morton alley	Straight.	20	141	3	1.090
In Lanvale street, from east kerb Morton alley to ten-foot alley		15	89	..	1.200

ORLEANS-STREET SEWER.

Ordinance No. 134, 1894.

This sewer, extending from the old sewer in the east side of the intersection of Eden and Orleans streets to the intersection of Orleans and Bond streets, in the south side of Orleans street, was completed.

It consists of a twenty-four-inch cast-iron pipe, 827 feet 7 inches in length.

On account of the depth of the old sewer in Eden street, two special twenty-four-inch cast-iron quarter bends, with a piece of twenty-four-inch pipe set in vertically, were put in place at the connection with the old sewer, in order to reduce the depth of the excavation along Orleans street to Bond street.

At the intersection of Orleans and Caroline, and Orleans and Bond streets, sections of brickwork, seven feet in length, were built, with openings to the inlet connections from the northeast and southeast corners of the above-named streets.

Gutter-plate inlets were constructed at all of the said corners, and the cross-gutters removed.

Three manholes were built—one at the connection with the Eden-street sewer, and the other two at the intersection of Orleans street with Caroline and Bond streets, respectively.

Of this sewer, 489 feet were constructed in the year 1894, with one manhole; the balance, 338 feet 7 inches, were constructed during the past year; also the four gutter-plate inlets and connections, two manholes and all the repaving over the trench.

PRESSTMAN-STREET SEWER.

Ordinance No. 108, 1895.

This sewer is being constructed from a point in the bed of Monroe street, thirty-six feet south of the south building-line of Presstman street; thence north in Monroe street, east in Presstman street and north in Addison alley to Baker street, and east in Baker street to connect with the outfall of the present sewer in Baker street at the west side of Fulton avenue.

From its outfall north, for a distance of fourteen feet three inches, it will be nine feet six inches in diameter, and there connect with a conical chamber fifteen feet six inches long, nine feet six inches diameter at the south end, and fifteen

feet six inches wide by ten feet three inches high at the north end, to receive the water discharged from a lateral branch fifty-six feet long and six feet in diameter from the west, and also the water discharging from the main sewer, eight feet nine inches in diameter, with a curve into Presstman street to the east fifty-nine and one-half feet long; thence east in Presstman street straight for 159 feet to a curve seventy feet nine inches, curving to the north in Addison alley; thence north in Addison alley straight for 421 feet 8 inches to a curve seventy feet ten inches, curving to the east in Baker street; thence east in Baker street straight seventy-nine feet six inches, to connect with the sewer already constructed to the west side of Fulton avenue, making a total of 890 feet 6 inches.

Of the above, the following work has been done: Beginning September 3, excavation for the wing-walls; the apron at the outfall and for the sewer has been made for a distance of 472 feet.

The foundation and a portion of the wing-walls; the cradle, all of rubble masonry, laid in the best American hydraulic cement, have been constructed for a distance of 480 feet.

The granite blocks of the invent to the height of one-fourth of the diameter of the sewer have been laid in the cradle, in the best Portland cement, for a distance of 340 feet.

The balance of the invert of brick has been laid for a distance of 143 feet, and the arch, also of brick, for a distance of 52 feet, both in the best American hydraulic cement.

A great deal of water has been encountered in the excavation, requiring constant pumping. This work is being pushed forward as fast as the weather and circumstances will permit.

BRICE-ALLEY SEWER.

Ordinance No. 70, 1895.

This section of sewer, now being constructed in the bed of Brice alley, will, when completed, extend from the heretofore constructed sewer in Brice alley eleven feet north of the north building-line of Lanvale street to the north building-line of Lafayette avenue, a distance of about 422 feet.

This work was commenced about September 20. Owing to the dangerous condition of a retaining wall on the east side of Brice alley north of Lanvale street, the excavating was commenced at a point eighty feet north of the older section of the sewer at the north side of Lanvale street.

The excavating is being done through filled in ground in a cut averaging in depth from ten to eighteen feet. On account of the soft and wet character of the ground at subgrade, it was necessary to lay a timber platform of Georgia pine, consisting of a layer of planks three inches thick by twelve inches wide, laid longitudinally with the sewer a foot apart, and upon this a flooring of planks of the same dimensions was laid transversely for the full width of the foundation, eighteen and one-half feet. This timber foundation was laid for a distance of eighty-eight feet, after which it was discontinued by reason of the firmer character of the ground.

Upon this timber structure the cradle of rubble-stone masonry to receive the granite block and brick invert was constructed, and continued north of this timber foundation for a distance of seventy-seven feet—in all, 165 feet. The granite block invert is in place for a distance of 120 feet. The cross-section of the rubble-stone cradle is one foot in depth in the centre, with the side walls of the required thickness.

A sub-drain, four by six inches, is laid under the bottom of the rubble-stone cradle to drain the ground.

The rubble-stone masonry is being laid in Cumberland and Potomac cement, and the granite blocks in Portland cement.

This section of sewer will be ten feet six inches in diameter, and will consist of a granite block invert nine inches in thickness to a height of one-quarter of the diameter. The balance of the invert will be of brick—two rings, nine inches thick.

The arch will be of brick—three rings, thirteen and one-half inches in thickness—and backed up with the full complement of rubble-stone masonry.

The brickwork will be begun at once and constructed as rapidly as the weather and circumstances will permit.

The following resolutions of the Mayor and City Council were carried out:

Resolution No. 42, of March 27, 1895, to construct and trap two inlets with their connection with the sewer—one at the northwest and one at the northeast corner of Carey and Lombard streets, and tear out the old gutters across Lombard street, and remodel and repave the intersection.

Resolution No. 48, of March 29, 1895, to construct and trap the old inlet at the northeast corner of Carrollton avenue and Saratoga street.

Resolution No. 131, of May 10, 1895, to reconstruct and trap the old inlet at Pennsylvania avenue and Oxford street.

Resolution No. 229, of June 24, 1895, to construct and trap with its connection with the sewer an inlet at the south-east corner of Eagle street and Addison alley.

REPAIRS OF SEWERS AND INLETS.

In consequence of the small appropriation for this work, only the most needed repairs could be made as far as it would permit.

The old Schroeder-run sewer was repaired between Pratt and Lombard streets. The old wooden floor was removed and replaced with granite blocks laid in cement, and the side walls were underpinned.

In Lovegrove-alley sewer the old wooden floor was removed and replaced with granite blocks laid in cement, and the side walls were underpinned for a distance of about one hundred feet.

Some repairs were made in the old Chatsworth-run sewer.

In the intersection of Carrollton avenue and Saratoga street, some of the old stone arch, which was giving way, was securely repaired.

By referring to the statement of rainfall at the commencement of this report, it will be seen that there were several very heavy downpours, two of them the heaviest for some years.

These heavy rains put such a severe strain on the old sewers that, for the first time in several years, two of them bursted. These rains in no way effected the new sewers, which met all the requirements of the situation, none of the districts which they were constructed to relieve having been flooded, although formerly some of them were flooded by moderate rains.

One of these breaks, about forty feet in length, caused by the surcharging of the old Jenkins-run sewer, occurred at the west side of Greenmount avenue, partially wrecking house No. 1812, and completely wrecking Nos. 1814, 1816 and 1818, through which was the driveway to the repair shed of the City and Suburban Railway, and also wrecking part of their shed and part of the yard of No. 1822 Greenmount avenue, leaving an opening at the surface about fifty feet long by forty feet wide, the debris causing the choking up of the sewer and the damming up of the water for some distance up the run.

This debris was removed so as to give a free flow for the water through the sewer, and the banks were also secured on both sides to prevent accident.

The heavy rainfall of the same date, September 6, caused the breaking in of forty-one feet of the old stone sewer in Centre street, between North and Calvert streets, under the Traction Company's tracks, causing some delay to travel over them. The tracks were properly secured in a short time and the cars permitted to pass over.

This sewer, where the break occurred, was ten feet wide by three and five-tenths feet high at the upper end, and eight feet wide by four and six-tenths feet high at the lower end, and consisted of rubble-stone abutments and arch, with a wooden floor.

A sixteen-inch water-main had been laid across the bottom of it. This was removed, and the broken portion of the sewer rebuilt in the most substantial manner, the stone arch being replaced by one of brick, and the wooden bottom by granite blocks laid in Portland cement on a bed of concrete. The whole of the work was rebuilt on a timber platform, so as to secure a safe foundation.

The location of the repairs done to the old sewers and inlets is shown in the following statement:

Old Schroeder-run sewer, between Pratt and Lombard streets.

Lovegrove-alley sewer, between Lafayette avenue and Lanvale street.

Chatsworth-run sewer.

Sewer at Carrollton avenue and Saratoga street.

Sewer at Centre street, between Calvert and North streets.

Sewer at west side of Greenmount avenue, between North and Lafayette avenues.

Inlet, Dover and Penn streets.

Inlet, Monroe and McHenry streets.

Inlet, southwest corner Fremont and McHenry streets.

Inlet, Harrison and Gay streets.

Sewer, southwest corner of Pratt and Mill streets.

Inlet, southeast corner of Arch and Baltimore streets.

Sewer in Penn alley.

Inlet, 1636 Pennsylvania avenue.

Inlet, Franklin and Carey streets.

Inlet, Ashland avenue and Dallas street.

Inlet, Front and Low streets.

Inlet, Wilkens avenue and Monroe street.

Inlet, Mulberry and Courtland streets.

Inlet, Central avenue and Granby street.
Inlet, 1415 East Monument street.
Inlet, southwest corner Linden avenue and Preston street.
Inlet, Howard and Lexington streets.
Inlet, Bond and Federal streets.
Inlet, Harford and Greenmount avenues.
Inlet, southeast corner Gough street and Central avenue.
Inlet, Harrison street, near Gay street.
Inlet, Pratt street and Central avenue.
Inlet, west side of Gay street, north of bridge.
Inlet, southwest corner of Druid Hill avenue and Presstman street.
Inlet, Sherman Place, between North and Lafayette avenues.
Inlet, Central avenue and Philpot alley.
Open drain, from Greene to Pearl streets, about midway between Franklin and Mulberry streets.
Inlet, northwest corner Arch and Lexington streets.
Inlet, northwest corner Central avenue and Bank street.
Drain-box, Fulton avenue and Liberty road.

When first placed in charge of sewers I found I had on my hands a lot of old sewers and inlets, with few exceptions in a rather dilapidated, and some of them dangerous, condition, inadequate to prevent the flooding of the districts they were intended to drain, some one or the other of them breaking whenever a heavy downpour of rain occurred.

I made a personal examination of all of them, and with the means at command, commencing with the most dangerous one first, proceeded to put them in as good repair as circumstances would permit.

The effect was soon apparent, as for several years (until the past year, when two occurred), there had been no break of any consequence. It is a wonder that they had not broken sooner, on account of their poor construction.

As far as the new sewers are concerned, they speak for themselves. All of them, planned by myself and constructed under my supervision, have met all the requirements of the districts they were intended to drain. The several heavy rainfalls during the past year were a good test of all those completed, all of them proving satisfactory, both as regards their stability and their preventiug the flooding of the districts through which they were constructed.

The principle on which these sewers were planned and constructed was given in last year's and prior annual reports.

Respectfully submitted,

CHARLES P. KAHLER,
Assistant City Commissioner.

CONTRACTS IN FORCE IN CITY COMMISSIONER'S DEPARTMENT DECEMBER 31, 1895.

No	Contractor.	To Furnish	For	Price.	Expires.
1	C. C. McColgan Co. . .	Cement. . . .	Druid Hill-ave. int. sewer	Ulster Co. Rosendale, $1.25, and Hanover Portland, $2.75 per bbl. .	Completion of work
2	S. M. Hamilton & Co.	" . . .	" " "	Joeson Portland, $3.00, and Hemmoor Portland, $2.90 per bbl.	" "
3	D. Donnelly & Son . .	Brick	" " "	Machine-made, $7.99 per M.	" "
4	Morgan & Bresnan . .	Sand	" " "	84c. per cub. yd.	" "
5	P. M. Womble.	Lumber	" " "	N. C. pine, $12.50 to $14.50 per M. ft.; Va. pine, $11.50 to $12.50 per M. ft.; Chestnut posts, 65c. and 70c.	" "
6	W. H. Perot.	Brick	" " "	Hand-made, $8.00 per M.	" "
7	Maryland Granite Co.	Rubble & dimens'n stone	" " "	Rubble-stone, $1.75 per cub. yd.; dimension stone, $7.00 per cub. yd.	" "
17	C. C. McColgan Co. . .	Cement. . . .	Bush-street sewer.	Cumberland and Potomac, $1.05 per bbl.; Porter Portland, $2.65 per bbl.	" "
18	John Bullock & Son.	" . . .	" "	Round Top, $1.15 per bbl.; Gondor Portland, $2.60 per bbl.	" "
49	P. M. Womble.	Lumber. . . .	North Charles-street sewer	Va. pine, $13.00 per M.; N. C. pine, $13.50 per M.; W. P. board, $22.00 per M.	" "
50	Frank Fallon	Sand	" " "	69c. per cub. yd.	" "
53	Smith & Schwarz Co.	Brick	" " "	Hand-made, $7.87 per M.	" "
54	John G. Schwind. . . .	Stone.	" " "	$2.02 per cub. yd.	" "
55	Y.O. Wilson Brick Co.	Brick	" " "	Machine-made bricks, $8.00 per M.	" "
106	James Cremen	Sand	Bruce-alley sewer.	49c. per cub. yd.	" "
108	J. G. Schwind.	Stone.	Fremont-avenue sewer. . .	$1.60 per cub. yd.	" "
109	Mystic Quarry Co. . . .	Blocks	" " . . .	$153.00 per M.	" "
110	Y.O. Wilson Brick Co.	Brick	" " . . .	Hand-made, $7.89; machine-made, $6.74 per M	" "
111	James R. Busey & Son	Brick	Bruce-alley sewer.	Machine-made, $7.10 per M.	" "

112 John G. Schwind	Stone	Bruce-alley sewer	$1.5475 per cub. yd	Completion of work
113 Mystic Quarry Co.	Blocks	" "	$155.00 per M	" "
114 P. M. Womble	Lumber	Fremont-avenue sewer	N. C. pine, $12.45 per M.; Va. pine, $11.60 per M.; W. P., $20.50 per M	" "
115 P. M. Womble	"	Bruce-alley sewer	N. C. pine, $12.80 per M.; Va. pine, $11.85 per M.. W. P., $21.00 per M	" "
118 John P. Morgan	Sand	Fremont-avenue sewer	54c. per cub. yd	" "
124 W. W. Clarke & Son.	Cement	" "	German Portland, $2.40 per bbl	" "
125 John Bullock & Son.	"	" "	Round Top, 98c. per bbl	" "
126 John Bullock & Son.	"	Bruce-alley sewer	" " $1.02 per bbl	" "
127 Nat'l Building Supply Co.	"	Fremont-avenue sewer	Cumberland and Potomac, 98c. per bbl	" "
128 Nat'l Building Supply Co.	"	Bruce-alley sewer	Cumberland and Potomac, 98c. per bbl.; Portland, $2.40 per bbl	" "
136 Smith & Schwarz Brick Co.	Brick	Ext'n Patapsco-st. sewer.	Hand-made, $7.40 per M	" "
137 Nat'l Building Supply Co.	Cement	" " "	Cumberland, 97c ; Portland, $2.38 per bbl	" "
138 John F. Curley & Co.	Stone	" " "	$1.59 per cub. yd	" "
139 Charles H. Elliott	Sand	" " "	65c. per cub. yd	" "
178 Nat'l Building Supply Co.	Cement	Fort-avenue sewer	Cumberland and Potomac, 98c. per bbl	" "
179 John J. Gallagher	Sand	" "	51c. per cub. yd	" "
180 James H. Atkinson	Stone	" "	$1.59 per cub. yd	" "
181 J. J. Hoffman	Brick	" "	Hand-made, $7.20; machine-made, $6.70 pr M	" "
183 George F. Nardin	Blocks	" "	$154.00 per M	" "
184 Andrew Brown	Drive piles	Fort-avenue sewer	Round piles, 6½c. lin. ft.; sheet piles, 3c. lin. ft.	" "
185 P. M. Womble	Lumber	" "	Ga. pine, $18.50 ; N. C., $12.85 ; Va., $12.40 ; white pine, $21.00 per M. ft.	" "
186 W. W. Clarke & Sons	Cement	" "	Heyer Bros.' Portland, $2.40 per bbl	" "
187 J. S. Hoskins	Piles	" "	Round piles, 6½c. lin. ft	" "
188 J. P. McGovern	Paving	Patterson Park avenue	Grading, 12c. cub. yd.; paving, 6c. sq. ft.; kerbing, 40c. lin. ft.	October 3, 1897.

CONTRACTS IN FORCE IN CITY COMMISSIONER'S DEPARTMENT DECEMBER 31, 1895.

No	Contractor.	To Furnish	For	Price.	Expires.
189	Thomas F. Locke ...	Paving	Gold street.....	Grading, 10c. cub. yd.; paving, 5½c. sq. ft.; kerbing, 40c. lin. ft.; repaving, 2½c. sq. ft.; resetting kerb, 10c. lin. ft.....	August 19, 1897.
193	B. Wallis & Co.....	Cement.....	Fort-avenue sewer.....	Round Top, $1.05 per bbl.....	Completion of work
196	R. S. Andrews	Repairing ..	Madison street	.....	August 24, 1899.
197	J. P. McGovern	Paving	Montford avenue.....	Grading, 20c. cub. yd.; kerbing, 40c. lin. ft.; paving, 6c. sq. ft.....	April 1, 1897.
198	Gosnell & Kirkpatrick	Blocks	Ext'n Patapsco-st. sewer.	$2.95 per sq. yd.....	Completion of work
199	" "	"	North Charles-street sewer	$159.50 per M. blocks.....	" "
200	D. A. Leonard	Paving	Whitelock street	Private contract.....	.....
207	Patrick Reddington..	"	Pulaski street.....	Grading, 10c. cub. yd.; paving, 5c. sq. ft.; kerbing, 37c. lin. ft.; repaving, 2½c. sq. ft.; resetting kerb, 8c. lin. ft.	October 4, 1897.
208	J. J. Gallagher.....	Sand	Imp. Harford Run	63c. per cub. yard	Completion of work
209	P. M. Womble.....	Lumber	" " "	Ga. pine, $17.49 per M. ft.....	" "
210	Smith & Schwarz Brick Co.	Brick	" " "	Hand-made brick, $6.75 per M.....	" "
211	J. H. Atkinson	Stone.....	" " "	$1.70 per cub. yd.....	" "
212	Nat'l Building Supply Co.....	Cement.....	" " "	Porta Portland, $2.40 per bbl.....	" "
213	B. Wallis & Co.....	"	" " "	Cumberland, 95c. per bbl.....	" "
214	J. S. Hoskins.....	Piles	" " "	Pine, 12c. per lin. ft.....	" "
215	John Bullock & Son.	Cement.....	" " "	Round Top, $1.05 per bbl.....	" "
216	Joseph Gallagher....	Sand	Repaving Fort avenue...	27c. per cub. yd.	" "
218	Patrick Keelty	Paving	Wolfe street	Grading, 10c. per cub. yd.; paving, 5¼c. per sq. ft.; kerbing, 37c. per lin. ft.; resetting kerb, 7c. lin. ft.....	" "

219	Patrick Keelty	Paving	Preston street	Grading, 5c. per cub. yd.; paving, 5¾c. per sq. ft.; repaving, 7½c. per sq. ft.; kerbing, 37c. lin. ft.; resetting kerb, 7c. lin. ft.	Completion of work
223	Patrick Reddington	"	Johnson street	Grading, 13c. per cub. yd.; new kerb, 37c. lin. ft.; resetting old kerb, 8c. lin. ft.; paving, 5.2c. sq. ft.; repaving, 2.2c. sq. ft.	" "
224	Md. Construction Co.	Certain funds	Approaches to North-avenue bridge	$101,824.61	
225	Patrick Keelty	Paving	Preston street, Chester st. to Patterson Park ave.	Grading, 17c. cub. yd.; paving, 7½c. sq. ft.; kerbing, 39¾c. lin. ft.; kerb circles, 79½c. lin. ft.	
227	James P. McGovern	"	Appleton street	Grading, 10c. per cub. yd.; paving, 5½ sq. ft.; repaving, 2½c. sq. ft.; kerbing, 38c. lin. ft.; resetting kerb, 7½c. lin. ft.	December 18, 1897.
228	" "	"	Cannon street	Grading, 22c. per cub. yd.; paving, 7c. sq. ft.; kerbing, 40c. lin. ft.; kerb circles, 80c. lin. ft.	
229	" "	"	Jefferson street	Grading, 18½c. cub. yd.; paving, 7c. sq. ft.; kerbing, 40c. lin. ft.; resetting kerb, 10c. lin. ft.; repaving, 3c. sq. ft.; setting flagstones, 7c. sq. ft.; intervening Belgian blocks, 7c. sq. ft.; kerb circles, 80c. lin. ft.; resetting circles, 10c. lin. ft.	
230	Schneider & Son	"	Luzerne street	Grading, 15c. cub. yd.; paving, settting flagstones and intervening blocks and gutterstones, 6¾c. per sq. ft.; repaving, 3c. per sq. ft.; kerbing, 40c. lin. ft.; kerb circles, 80c. lin.ft.; resetting kerb and kerb circles, 10c. lin. ft.	
231	A. Schneider & Son	"	Chester street	Grading, 18c. cub. yd.; paving, setting flagstones and intervening blocks and gutterstones, 6¼c. sq. ft.; repaving 3c. sq. ft.; kerbing, 38c. lin. ft.; resetting kerb and circles, 10c. lin. ft.; kerb circles, 76c. lin. ft.	

CONTRACTS IN FORCE IN CITY COMMISSIONER'S DEPARTMENT DECEMBER 31, 1895.

No	Contractor.	To Furnish	For	Price.	Expires.
232	A. Schneider & Son.	Paving	Chase street.....	Grading, 20c. cub. yd.; paving, setting flagstones, intervening blocks and gutterstones, 6½c. sq. ft.; repaving, 3c. sq. ft.; kerbing, 38c., and kerb circles, 76c. lin. ft.; resetting kerb and kerb circles, 10c. lin. ft.	.....
233	John T. Radford	.....	Sale of old bridge, north of North-ave. bridge...	Old materials, $347.00.....	February 8, 1896.
234	J. T. Curley & Co ...	Stone	Presstman-street sewer...	$2.00 per cub. yd.....	Completion of work
235	John J. Gallagher ...	Sand	Presstman and Brice-alley sewers.....	67c. per cub. yd.....	" "
236	James R. Busey.....	Brick	Presstman-street sewer...	Hand-made, $7.40; machine-made, $6.15 per M.....	" "
237	P. M. Womble	Lumber	" "	N. C. pine, $13.00; Va., $12.25; white, $21.00 per M. ft	" "
238	Nat'l Building Supply Co	Cement.....	" "	Cumberland and Potomac, 88c. per bbl.; Kaiser or Porta Portland, $2.45 per bbl.....	" "
239	John G. Schwind...	Stone	Brice-alley sewer.....	$2.00 per cub. yd.....	" "
240	James R. Busey.....	Brick	" "	Hand-made, $7.40, and machine-made, $6.15	
241	Nat'l Building Supply Co	Cement.....	" "	per M..... Cumberland and Potomac, 88c. per bbl.; Kaiser Portland, $2.45 per bbl.....	" " " "
242	P. M. Womble	Lumber	" "	N. C. pine, $12.98; Va., $11.95; white, $21.00 per M	" "
243	David Leonard.....	Stone	Alluvion-street sewer....	$1.95 per cub. yd.....	" "
244	Nat'l Building Supply Co	Cement.....	" "	Cumberland and Potomac, 88c. per bbl.; Porta or Kaiser Portland, $2.45 per bbl....	" "

245	P. M. Womble	Lumber	Alluvion-street sewer	N. C. pine, $13.00; white, $21.00; Va., $12.50 per M. ft.; Ga. pine, $17.93 per M. ft.	Completion of work
246	J. J. Gallagher	Sand	" " "	53c. per cub. yd.	" "
247	Andrew Miller	Piles	" " "	6¾c. per lin. ft.	" "
248	James R. Busey	Brick	" " "	Hand-made, $6.74; machine-made, $5.74 per M	" "
249	George Utterbaugh	Paving	Carey street	Private contract. Street repairs guaranteed.	December 31, 1897.
250	Shreve & Molinard	Sewer blocks	Presstman st. and Brice-alley sewer	$2.15 per square yard.	Completion of work
251	Christian Miller	Paving	Federal street	Private contract. Street repairs guaranteed.	December 31, 1897.
252	William H. Johnson	Stones	Sewer inlets in 1896	Covering stones, 80c. per sq. ft.; drip stones, 50c. per sq. ft.	December 31, 1896.
253	Stuart R. Carr & Co	Iron castings	Gutter-plates and manholes in 1896	Iron gutter-plates, 1¼c. per lb.; manhole castings, $1.45 per lb.	" " "
254	Vincent Hageman	Paving	Harmanson street	Private contract. Street repairs guaranteed.	January 10, 1898.
255	Patrick Reddington	"	Brevard street	Grading, 20c. cub. yd.; paving, setting flagstones and intervening blocks and gutter-stones, 5¾c. per sq. ft.; kerb, 35c., and kerb circles, 70c. per lin. ft.; repaving, 2½c. per sq. foot; resetting kerb and circles, 7c. per lin. ft.	
256	M. F. Leonard	"	Cannon street	Grading, 15c. per cub. yd.; paving, setting flagstones and intervening Belgian blocks and gutter-stones, 7½c. per sq. ft.; repaving, 3½c. per sq. ft.; kerbing, 38½c., and kerb circles, 77c. per lin. foot; resetting kerb and kerb circles, 10c. per lin. ft.	
257	Patrick Reddington	"	Riggs avenue	Grading, 15c. per cub. yd.; paving, setting flagstones and intervening blocks and gutter-stones, 6c. per sq. ft.; repaving, 3c. per sq. ft.; kerbing, 38c., and kerb circles, 76c. per lin. ft.; resetting kerb and circles, 8c. per lin. ft.	

CONTRACTS IN FORCE IN CITY COMMISSIONER'S DEPARTMENT DECEMBER 31, 1895.

No	Contractor.	To Furnish	For	Price.	Expires.
258	Patrick Reddington..	Paving	Eastern avenue	Grading, 18c. per cub. yd.; paving, setting flag-stones and intervening blocks and gutter-stones, 8½c. per sq. ft.; repaving, 4c. per sq. ft.; kerbing 40c., and kerb circles, 80c. per lin. ft.; resetting kerb and circles, 10c. per lin. ft	.....
259	Patrick Keelty	"	Oliver street	Grading, 14c. cub. yd.; paving and gutter-stones, 6¼c. per sq. ft.; kerb-stones and kerb circles, 50c. lin. ft.; flag-stones and intervening blocks, 25c. sq. ft.; repaving, including gutter-stones, 2½c. sq. ft.; resetting kerb-stones and kerb circles, 8c. lin. ft.; relaying flag-stones and intervening blocks, 6c. sq. ft	.....
260	O. Malone & Co.....	"	Rose street.....	Grading, 15c. cub. yd.; paving, setting flag-stones and intervening blocks, 7c. sq. ft.; gutter-stones, 10c. lin. ft.; repaving, 2½c. sq. ft.; kerbing, 40c. lin. ft.; kerb circles, 80c. lin. ft.; resetting kerb and kerb circles, 10c. lin. ft.....	.....
261	James P. McGovern .	"	Montford avenue.....	Grading, 16½c. cub. yd.; paving, setting flag-stones and intervening blocks and gutter-stones, 7c. sq. ft.; kerbing, 40c. lin. ft.; kerb circles, 80c. lin. ft.; repaving, 3c. per sq. ft.; resetting kerb and kerb circles, 10c. per lin. ft.....	.....

262	George Klein	Paving	Hamburg street	Grading, 20c. per cub. yd.; paving, setting flag-stones, intervening blocks and gutter-stones, 5¼c. per sq. ft.; kerbing, 37c. per lin. ft.; kerb circles, 74c. lin. ft.; resetting kerb and kerb circles, 10c. per lin. ft.; repaving, 3c. sq. ft		
263	James P. McGovern	"	McCulloh street	Grading, 10c. per cub. yd.; setting flag-stones, intervening blocks and gutter-stones, 6c. sq. ft.; repaving, 2¾c. sq. ft.; kerb, 40c. lin. ft.; kerb circles, 80c. lin ft.; resetting kerb and kerb circles, 8c. lin. ft		

GRADES ESTABLISHED DURING THE YEAR 1895.

STREETS.	FROM.	TO.	REMARKS.
Alley between Twenty-fifth and Twenty-sixth	Charles	St. Paul	
Dickson alley	Mosher	Lanvale	Changed former grades of Mosher and Townsend streets at Dickson alley.
Pulaski	Baltimore	Frederick avenue	
Baker	Friendsbury Place	Payson	
Northwest	Eighth	Ninth	Re-establishment.
Randall	Covington	Webster	
Covington	Fort avenue	Randall	
Wolfe	Biddle	Preston	
Penn	Haw	Columbia avenue	
Johnson	Randall	Wells	
Franklin	Payson	Old city limits	Re-establishment.
Franklin	Old city limits	Calverton road	
James	Carey	Bayard	
Bush	Russell	Herkimer	
Herkimer	Bush	Wooster	*Wooster* is now *Carey* street.
Ridgely	Ostend	B. & O. tracks	
Hamburg	Riverside	Federal Hill Park	
Preston	Chester	Potomac	
Durham	Townsend	North avenue	
Regester	Townsend	North avenue	
Ann	Townsend	North avenue	
Chester	Eager	Biddle	
Chase	Castle	Patterson Park avenue	
Cannon	Fait	Canton	
Appleton	Edmondson avenue	Harlem avenue	Re-establishment.
Milton	Orleans	Monument	

Twentieth	Barclay	York road	
Twenty-first	Barclay	York road	
Twenty-second	Barclay	York road	
Luzerne	Eastern avenue	Canton	
Brevard	Biddle	Preston	
Rose	Foster	Fait	
Northwest	Payson	Pulaski	
Whitelock	Madison	Druid Hill avenue	
Brunt	Gold	Baker	
Montford	Baltimore	Monument	
Cannon	Biddle	Oliver	
Cannon	Monument	Eager	
Madison	Burke	Patapsco	
Chew	Patterson Park avenue	Luzerne	
Luzerne	Monument	Eager	
Burke	Monument	Eager	
Fifth	Patterson avenue	Presstman	
Sixth	Patterson avenue	Baker	
Brooks	Eutaw Place	Madison	
Elm avenue	Second avenue	Third avenue	
Ridgely	Ostend	Bayard	Re-establishment.
Ridgely	Bayard	Bush	

STATEMENT OF APPROPRIATIONS AND EXPENDITURES, CITY COMMISSIONER'S DEPARTMENT, FOR THE YEAR 1895.

Accounts.	Appropriations.	Expended.	Balance.	Deficit.
Repairs of sewers	$ 5,000 00	$ 9,268 14		$4,268 14
Flag and stepping-stones	2,000 00	1,194 55	$ 5 45	
Repairs of paved streets	75,000 00	78,884 37		3,884 37
" " bridges	4,000 00	8,335 19		4,335 19
" " unpaved streets	1,500 00	1,500 00		
Paving in front city property	500 00	210 23	289 77	
" cross streets	7,000 00	4,697 86	2,302 14	
Druid Hill-avenue sewer	24,981 61	24,676 71	304 90	
North Charles-street sewer	64,843 34	29,138 41	35,704 93	
Patapsco-street sewer extension	34,229 64	22,404 89	11,824 75	
Fort-avenue sewer	51,724 22	40,355 21	11,369 01	
Bruce-alley sewer	56,133 59	30,996 23	25,137 36	
Bush-street sewer	20,530 27	19,116 45	1,413 82	
Fremont-avenue sewer	89,161 49	34,164 37	54,997 12	
Barclay-street sewer	263 41	182 08	81 33	
Orleans-street sewer	4,608 56	4,496 71	111 85	
North Monroe-street bridge	9,217 11	6,810 97	2,406 14	
Edmondson-avenue bridge	13,181 81	12,560 64	621 17	
Columbia-avenue bridge	16,619 25	16,616 90	2 35	
Paving Boston street	11,127 99	2,752 71	8,375 28	
" Holliday street, etc	44,377 41	3,615 98	40,761 43	
" Pratt street	4,751 48	4,747 60	3 88	
" Fort avenue	45,818 75	17,912 94	27,905 81	
" Fayette street	7,492 19	7,492 19		
" Gay street	71,732 29	71,732 29		
Gutter-plates, Canton and Dillon streets	775 00	749 84	25 16	
Gutter-plates, Pratt and Caroline streets	1,200 00	1,195 17	4 83	
Paving streets around Richmond Market	657 51	657 51		
Paving Fayette and Lexington streets	615 66	615 66		
Paving East Lexington street	1,650 02	1,650 02		
Repairing streets (Annex)	8,982 00	9,421 75		439 75
Macadamizing Marshall avenue	250 00	250 00		
Salaries	9,900 00	10,712 35		812 35
Livery	660 00	639 65	20 35	
Incidentals	200 00	200 00		
Light-street bridge, maintenance	5,000 00	6,090 06		1,090 06

STATEMENT OF APPROPRIATIONS AND EXPENDITURES, CITY COMMISSIONER'S DEPARTMENT—Continued.

Accounts.	Appropriations.	Expended.	Balance.	Deficit.
Foot-bridge over Frederick road	$ 300 00	$ 263 68	$ 36 32	
Paving Gold street	2,677 45	2,677 45		
" Riggs avenue	244 47	244 47		
" Federal street	9 20	9 20		
" Patterson Park avenue	10,988 96	10,988 96		
" McCulloh street	76 21	76 21		
" Calvert street	571 60	571 60		
" Poppleton street	789 91	789 91		
Pulaski-street sewer	2,257 54	701 48	1,556 06	
Paving Eastern avenue	517 81	517 81		
" Ridgely street	648 89	648 89		
" Maryland avenue	31,248 49	7,857 64	23,390 85	
" Franklin street	39,299 75	1,646 69	37,653 06	
" Brevard street	396 25	396 25		
" Lanvale street	480 44	480 44		
" Park avenue	71,402 92	234 58	71,168 34	
" Pulaski street	3,022 64	3,022 64		
Presbury-street sewer	296 52	162 71	133 81	
Inlets, Carey and Lombard streets	1,000 00	997 77	2 23	
Paving Broadway	70,938 88	303 31	70,635 57	
" East Baltimore street	8,544 36	8,544 36		
" Oliver street	15 60	15 60		
Alluvion-street sewer	140,000 00	3,163 11	136,836 89	
Paving Penn street	1,500 00	1,500 00		
" Preston street	965 30	965 30		
" Wolfe street	519 58	519 58		
" Covington street	238 83	238 83		
Macadamizing Park Heights avenue	5,000 00	4,950 73	49 27	
Paving Johnson street	321 24	321 24		
Paca and Druid Hill avenue, to change gutter	200 00	200 00		
Repairs streets, etc., Annex (deficiency)	612 18	612 18		
Repairs of bridges (deficiency)	319 01	319 01		
Block-street Drawbridge (deficiency)	1,786 14	1,786 14		
Paving in front city property (deficiency)	53 54	53 54		
Repairs of paved streets (deficiency)	684 54	684 54		
Light-street bridge (deficiency)	877 68	877 68		
Resurfacing Camden street (deficiency)	2,481 71	2,481 71		

STATEMENT OF APPROPRIATIONS AND EXPENDITURES, CITY COMMISSIONER'S DEPARTMENT—Continued.

Accounts.	Appropriations.	Expended.	Balance.	Deficit.
Repairing Marsh Market, City Hall, etc. (deficiency)	$ 938 60	$ 938 60		
Repairing Camden, Dover and Sharp streets (deficiency)	363 26	363 26		
Public printing	34 75	34 75		
Board-walk, North avenue (deficiency)	117 34	117 34		
Macadamizing Monument street, etc	2,000 00	2,000 00		
Harford Run Improvement	17,478 06	9,883 57	$ 7,594 49	
Macadamizing East Baltimore street	2,000 00	1,998 56	1 44	
Inlet, Carrollton avenue and Saratoga street	350 00	347 28	2 72	
Inlet, Pennsylvania avenue, opposite Oxford street	600 00	573 32	26 68	
Gravelling Ridgely street	2,000 00	1,980 17	19 83	
Shelling Chestnut Hill avenue	150 00	136 40	13 60	
Paving Preston street (Ordinance No. 106, 1895)	25 50	25 50		
Grading, etc., Twentieth street	1,000 00	987 54	12 46	
Paving, etc., Cannon street	649 41	649 41		
" Jefferson street.	354 88	354 88		
" Luzerne street	260 56	260 56		
" Milton avenue	260 56	260 56		
Paving Bush and Herkimer street	8,000 00	6,865 22	1,134 78	
Paving Saratoga street	10,069 30	6,017 70	4,051 60	
Repairing Friendship lane	500 00	494 17	5 83	
" Jenkins lane	1,000 00	992 45	7 55	
Inlet, Eagle street and Addison alley	590 00	475 17	24 83	
Repairing St. Ann's avenue	500 00	493 59	6 41	
Paving McElderry street	159 98	159 98		
" Hamburg street	253 26	253 26		
" Aliceanna street	69,406 17	2,220 00	67,186 17	
Repairing Montebello avenue	300 00	294 11	5 89	
Paving Chester street	288 37	288 37		
" Chase street	237 79	237 79		(Ord. No. 35, 1893.)
" Montford avenue	259 58	259 58		
" Rose street	197 66	197 66		
" Whitelock street	287 64	287 64		
North-avenue bridge (Ordinance No. 80, May 11, 1891).	43,491 06	43,446 35	44 71	
Completion North-avenue bridge and approaches	90,000 00	35,663 62	54,336 38	(Ord. No. 117, Oct. 10, 1895.)

STATEMENT OF APPROPRIATIONS AND EXPENDITURES, CITY COMMISSIONER'S DEPARTMENT—Concluded.

Accounts.	Appropriations.	Expended.	Balance.	Deficit.
Approaches North-avenue bridge, by contract, Maryland Construction Company	$80,000 00	$79,643 83	$356 17	
Paving Appleton street	283 21	283 21		
Paving Preston street (Ordinance No. 102, 1895)	9 99	9 99		
Grading Ridgely street	2,000 00	2,000 00		
Codifying ordinances and resolutions	200 00	200 00		
Eutaw and Fremont-street sewer	1,058 22	1,058 22		
Penn-street sewer	269 48	70 06	199 42	
Brice-alley sewer	24,000 00	4,712 33	19,287 67	
Presstman-street sewer	50,000 00	9,302 44	40,697 56	
Paving West Lexington street.	9,058 09	9,058 09		
" Eutaw street	3,185 84	3,185 84		
" Chase street	10,437 06	10,437 06		
" Front street	2,061 25	2,061 25		
" Clement street	25 00	25 00		
Fremont-street sewer (Five Million Loan)	800 00	800 00		
Carey-street relief sewer (Five Million Loan)	200 00	200 00		
Eden-street sewer (Five Million Loan)	343 10	343 10		
Preston and other streets sewer (Five Millon Loan)	1,219 49	1,219 49		
Read-street sewer (Five Million Loan)	668 28	668 28		
Federal-street sewer (Six Million Loan)	12,332 44	12,332 44		
Patapsco-street sewer (Six Million Loan)	884 21	884 21		
Paving Bayard street	25 00	25 00		

STATEMENT OF PERMITS ISSUED BY CITY COMMISSIONER'S DEPARTMENT DURING THE YEAR 1895.

The permits issued during the year number 1,673. Classified, they are as follows:

To the Consolidated Gas Company	199
To the Water Department	226
To the various corporations, for erecting, changing and renewing telegraph and trolley poles	327
To various parties for laying private drains	512
For setting or resetting kerb	147
For miscellaneous repairs to streets	57
For depositing earth on unpaved streets	7
For constructing driveways across footways	30
For planting trees along footways	32
For laying subway conduits	8
For hauling cables	6
For erecting awning-posts and hitching-posts	95
For constructing and removing street railway tracks	27
	1,673

During the year 1895 there has been collected in this department, and paid to the City Register, $5,273.59.

By months the collections were:

January	$215 90
February	134 50
March	503 82
April	409 70
May	733 41
June	395 45
July	453 60
August	417 42
September	412 67
October	560 66
November	913 65
December	122 81
	$5,273 59

The various sources of revenue were credited with the amounts received, and they comprise payments:

For authority to lay drain-pipes in the streets, lanes and alleys of the city.

For the sale of old material.

For copying records.

For establishment of grades.

For amounts forfeited on proposals, and for money received from other sources.

The different accounts to which the collections were reported as a credit are classified as follows:

Repairs of sewers	$3,556 01
Repairs of paved streets	544 57
Repairs unpaved streets	100 00
Repairs streets in Annex	2 91
Repairs bridges	789 79
Public printing	193 31
Salaries	87 00
Total	$5,273 59

ANNUAL REPORT

—— OF THE ——

Inspector of Gas and Illuminating Oils,

—— TO THE ——

Mayor and City Council of Baltimore,

—— FOR THE ——

FISCAL YEAR ENDING NOVEMBER 30, 1895.

REPORT.

OFFICE OF INSPECTOR OF GAS AND ILLUMINATING OILS—
CITY HALL,

BALTIMORE, November 30, 1895.

To the Honorable Mayor and City Council of Baltimore:

GENTLEMEN.—In conformity to the ordinances governing this office, I have made to the Mayor a written weekly report of the quality of the illuminating gas as furnished by the Consolidated Gas Company to citizens, as well as the quality of kerosene or petroleum products as retailed to consumers.

Daily photometric tests have shown the gas to have been invariably above the legal standard, as will be shown by the appended tables. Volumetric separation of the constituents show that impurities, such as carbonic acid, sulphur and ammonia, are generally absent, or far below the limits prescribed by law. From correspondence with the United States officials, who have general information on the subject, I am fully satisfied that Baltimore is being supplied with a higher grade of gas than any other city in the Union. Complaints have been made, however, that the gas smokes—*id est*, that it deposits carbon; when such complaints are made, I have investigated the matter and have found defective tips; when they were replaced by those with clean-cut outlets, the difficulty was remedied.

I have the city divided into four districts—divided by Baltimore street for north and south, and Charles street for east and west. These districts are regularly patroled for the collection of samples of petroleum from all dealers who sell less than a barrel of petroleum or its products for illuminating purposes. The majority of dealers furnished these samples cheerfully. I regret, however, that four refused these samples. They were promptly arrested, and the fine of ten dollars and costs was imposed. The quality of petroleum was materially improved; not two per cent were as low as the

legal standard, having a flashing point of 120° F.; the balance range from 121° to 135°. The density has been from 46° to 49° of Baumè hydrometer.

There have been twenty-one lamp accidents; in no case, however, were there any due to the inferior quality of the oil. Intoxicated persons have been the cause of several breaking or upsetting of lamps; in one case a painful and lamentable tragedy was the ending; filling ignited lamps another, and defective burners the third and last cause. There is a burner extensively sold with an air-tube running down the side of the burner from the point of ignition of the wick to the vapor space above the oil. It is declared this is necessary to force the oil into the wick. There is no sense or reason for it, as the wick supplies the flame by capillary attraction; besides, it would be beyond the limits of economy to prepare a lamp that would not respond to the ordinary atmospheric pressure; hence, this adjunct is both useless and dangerous. To obtain the greatest safety, the space in the lamp above the oil should be as completely as possible filled with the petroleum vapor.

There have been no prosecutions for the sale of oils not fulfilling the legal requirements.

In addition to the duties of collecting oils, the inspector investigates whether the retailers have the proper license for selling the same.

Tabulated statement of photometric value of illuminating gas furnished to the citizens of Baltimore by months, from December 1, 1894, to December 1, 1895, for standard wax candles burning 120 grains per hour:

	Lowest.	*Highest.*	*Average.*
December, 1894	24.05	27.81	26.03
January, 1895	24.07	31.68	27.43
February, 1895	25.46	27.33	26.51
March, 1895	22.22	31.09	27.54
April, 1895	23.71	29.05	27.65
May, 1895	25.16	29.27	28.00
June, 1895	24.62	31.45	28.84
July, 1895	23.79	26.45	25.20
August, 1895	27.15	30.70	28.86
September, 1895	29.12	29.98	29.67
October, 1895	23.23	31.11	27.92
November, 1895	24.70	28.27	25.84

Respectfully submitted,

P. B. WILSON,

Inspector of Gas and Illuminating Oils.

THIRTY-SIXTH ANNUAL REPORT

— OF THE —

COMMISSIONERS

— FOR —

OPENING STREETS

TO THE

Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

OFFICE OF THE COMMISSIONERS FOR OPENING STREETS.

BALTIMORE, January 1, 1896.

To the Honorable the Mayor
and City Council of Baltimore:

GENTLEMEN:

We have the honor to submit to you a statement of the operations of this Department from January 1, 1895, to December 31, 1895, inclusive.

The following list comprises the streets, alleys, etc., condemned, opened and closed during the above stated time; also the amount of damages, expenses and benefits, and amount assessed to the Mayor and City Council for each and every street, etc., as follows:

OPENED.

NAME OF STREETS, Etc.	No. Ord.	Approved.	Damages.	Expenses.	Benefits.	Amount on City.
Myrtle avenue, from Fulton avenue to Pulaski street	129	June 23, 1891.	$12,051 60	$379 26	$12,430 86	.....
Luzerne street, from Hudson street to Boston street	91	May 23, 1891.	.....	365 65	.....	$365 65
Luzerne street, from Canton avenue to Eastern avenue	45	Apr. 14, 1894.	.....	392 55	.....	392 55
Cannon street, from Lancaster street to Eastern avenue	48	Apr. 16, 1894.	.....	451 25	.....	451 25
Carroll street, from Bayard street to Bush street	89	Apr. 20, 1893.	2,832 52	360 62	1,744 83	1,448 31
Cleveland street, from Bayard street to Bush street	87	Apr. 20, 1893.	3,358 33	346 96	1,740 00	1,965 29
Nanticoke street, from Bayard street to Bush street	80	Apr. 20, 1893.	4,431 68	339 23	2,221 68	2,549 23
Bayard street, from Columbia avenue to Ohio avenue	54	Apr. 20, 1894.	.....	410 95	.....	410 95
Lanvale street, from Patterson Park avenue to Cannon street	87	May 20, 1891.	19,316 00	344 25	8,489 72	11,170 53
Ludlow street, from Fort avenue to Claggett street	72	May 4, 1892	6,402 96	451 24	3,194 46	3,659 74
Burrow street, from Fort avenue to Claggett street	95	May 27, 1892.	2,403 83	338 93	1,492 16	1,250 60
Patterson avenue, from Fulton avenue to Monroe street	98	June 8, 1889.	7,642 25	578 00	4,676 49	3,543 76
East and Chesnut streets, from Fayette street to a point 147 feet north of Lexington street	95	May 25, 1891.	96,781 08	2,308 33	10,899 20	88,190 21

Ensor street, from Eager street to Chase street	44	Apr. 4, 1892.	24,949 92	731 18	6,133 00	19,548 10
Bouldin alley, from Laurens street to Wilson street	110	June 10, 1889.	612 50	502 43	757 43	357 50
Brunt street, from Laurens street to Robert street	100	May 25, 1894.	1,062 50	400 86	856 83	606 53
Alluvion street, from Ridgely street to Warner street	101	May 25, 1894.	.....	441 33	.....	441 33
An alley 10 feet wide, from McKim street to Hillman street	149	Oct. 9, 1889.	116 90	235 40	239 60	112 70
A street 70 feet wide, from Luzerne street to the eastern city limits	133	May 8, 1893.	30,394 98	2,197 89	10,248 16	22,344 71
			$212,357 05	$11,576 31	$65,124 42	$158,808 94

Streets, Alleys, Etc., in Process of Opening.

NAME OF STREET.	No. Ord.	Approved.
Clement street, from Lawrence street to Hull street	136	June 4, 1880
Morton alley, from John street to Hoffman street	96	May 25, 1882
An alley ten (10) feet wide, from the north side of McElderry street to an alley ten (10) feet wide, now open, between Eden street and Spring street	97	Oct. 20, 1883
An alley ten (10) feet wide, from the north side of Orleans street to the south side of Jefferson street between Central avenue and Eden street	97	Oct. 20, 1883
An alley nine (9) feet nine (9) inches wide, from the north side of Monument street to an alley ten (10) feet wide between Eden street and Spring street	97	Oct. 20, 1883
An alley ten (10) feet wide, from the south side of Monument street to an alley ten (10) feet wide, now open, between Caroline street and Spring street	97	Oct. 20, 1883
An alley ten (10) feet wide, from the north side of Madison street to the south side of Chew street between Caroline street and Dallas street	97	Oct. 20, 1883

An alley twelve (12) feet wide, in the centre of Kirby's (or Dorsey's) lane, from Lanvale street to the Harlem Stage Company's property	33	April 3, 1884
Patuxent street, from Monument street to Eastern avenue	47	Apr. 29, 1884
Clarkson alley, from Barney street to Moale street	112	May 29, 1884
Race street, from Barney street to Moale street	113	May 29, 1884
Henry street, from Clement street to Fifth lane	77	May 14, 1885
Beason st., from Decatur st. to the property of H.A.Ramsay & Co.	93	Oct. 17, 1885
South Paca street, from Stockholm street to West street	23	Apr. 6, 1887
Patapsco street, from Baltimore street to Monument street	81	May 17, 1887
Port alley, from Aliceanna street to Lancaster street	86	May 18, 1887
Elizabeth lane, from Randall street to Heath street	54	May 2, 1888
Dallas street, from Oliver street to Hoffman street	115	Oct. 16, 1888
Rope Walk lane, from Randall street to Heath street	36	Apr. 26, 1889
Towson street, from Fort avenue to Marriott street	70	May 23, 1889
Florence street, from Fulton avenue to Retreat street	99	June 8, 1889
Francis street, from Retreat street to Whitelock street	101	June 8, 1889
Morris alley, from North avenue to Druid Hill Park	103	June 8, 1889
Stoddard alley, from Mosher street to McMechen street	148	Oct. 9, 1889
Baltimore st., from its present terminus to the western city limits.	150	Oct. 15, 1889
Nicholson street, from Decatur street to Cooksie street	161	Oct. 28, 1889
Burke street, from Oliver street to Belair avenue	162	Oct. 28, 1889
Porter street, from Claggett street to Beason street	171	Oct. 27, 1890
Ridgely street, from Ostend street to Gwynn's Falls	77	May 8, 1891
An alley ten (10) feet wide, from Second street to First street, between Calvert street and Hargrove alley	111	June 4, 1891

Streets, Alleys, Etc., in Process of Opening.—Continued.

NAME OF STREETS.	No. Ord.	Approved.
Wolfe street, from North avenue to Lake avenue	123	June 16, 1891
Payson street, from North avenue to Clifton avenue	130	June 23, 1891
Pulaski street, from North avenue to Clifton avenue	131	June 23, 1891
West street, from Paca street to Burgundy alley	94	May 11, 1892
An alley fifteen (15) feet wide, from Gold street to Bloom street	23	Mar. 6, 1893
Chew street, from Chester street to Patterson Park avenue	88	Apr. 20, 1893
Chase street, from Patterson Park avenue to Grove alley	114	May 3, 1893
Lanvale street, from Wolfe street to Washington street	130	May 8, 1893
Fairmount avenue, from Luzerne street to eastern city limits	131	May 8, 1893
Townsend street, from Broadway to Washington street	165	May 12, 1893
Smallwood street, from Pratt street to Fayette street	179	May 22, 1893
Castle street, from North avenue to Lanvale street	12	July 3, 1894
Neighbor street, from McKim street to Greenmount avenue	106	May 28, 1894
Rose street, from Fairmount avenue to Monument street	46	Apr. 12, 1894
Windsor avenue, from North avenue to Clifton avenue	26	Mar. 20, 1994
Great Constitution street, from Biddle street to Preston street	43	May 3, 1895
Canton avenue, from Cannon street to Luzerne street	67	May 15, 1895
Chesapeake street, from Fait avenue to Eastern avenue	82	May 29, 1895
Port street, from Federal street to Townsend street	95	June 5, 1895
Bradford street, from Federal street to Townsend street	96	June 6, 1895

NAME OF STREETS.	No. Ord.	Approved.
Point lane, from Ensor street to North avenue	84	May 23, 1882
Kirby's (or Dorsey's) lane, from Lanvale street to the Harlem Stage Company's property	94	Oct. 20, 1883
An alley from Madison street to an alley ten (10) feet wide, between Eden street and Spring street	97	Oct. 20, 1883
V alley, between Barre street and Welcome alley	91	Oct. 8, 1885
Kirby's (or Dorsey's) lane, excepting twelve (12) feet in the centre thereof, from the south side of the Harlem Stage Company's property to the south side of Winchester street	104	July 3, 1886
Kirby's (or Dorsey's) lane, excepting twelve (12) feet in the centre thereof, from Lanvale st. to the Harlem Stage Co.'s property.	116	Sept. 17, 1886
Butcher's lane, from Calhoun street to North ave	61	May 2, 1888
Fourth lane, from Hanover street to Light street	22	Mar. 29, 1889
Brown's lane, from Eden street to Caroline street	111	June 10, 1889
Truxton street, from Forrest street to Concord street	111	Oct. 17, 1892
Clifton place, from Truxton street to Eager street	111	Oct. 17, 1892
Grove street, from Truxton street to Eager street	111	Oct. 17, 1892
Half Moon alley, west of Chesnut street	96	May 25, 1891
Comet street, from a ten-foot alley to a fence corner there situated.	105	May 27, 1891
An alley thirty-three (33) feet wide, from the York road to about one hundred and thirty-three feet south of Huntingdon ave.	25	Mar. 6, 1893

The salutary amendment of the Code, by Ordinance No. 159, approved May 13, 1893, by which the sale of old material and property not required for the beds of proposed streets is made the *last* instead of the *first* duty of the Commissioners in the matter of a street opening; secondly, the Act of Assembly of 1894, chapter 312, by which the city is authorized to acquire a fee simple title to the beds of streets to be thereafter opened or widened, and also to collect rents from property in its possession during necessary delays in the opening of a street; thirdly, and the Ordinance No. 39, Section A, approved April 25, 1895, regulating appeals from awards of damages and assessments of benefits,—have armed this department with all the necessary legal powers for the proper and effective discharge of its functions.

There are, however, several other and additional suggestions which the Board would respectfully submit to the wisdom of the Mayor and City Council. The labors of your honorable body would be materially assisted in determining the advisability of improvements in the shape of street openings if applications for such improvements were required to pass through this department before they are submitted to the legislative department in the shape of ordinances. Under the present system any citizen can, by giving the preliminary notice for 60 days, apply to the Council for the opening, widening, straightening or closing of a

street, lane or alley. These applications are often capricious and made rather with a view to subserve a private interest than a public good, being restricted to openings in spots or for short distances only, thereby confining the damages and limiting the assessment of benefits to an extent that is wasteful to the treasury, unjust to the city, and presenting the anomaly of a street opened in one or two blocks and closed in others, a practice which increases materially the expenses in the aggregate, supplies no thoroughfare and accounts for the many desultory openings, which a map of the city will show already too numerously exist. An ordinance which would require all applications for the opening, widening, straightening or closing of streets or alleys to be first submitted, for examination and report, together with a correct plat of such proposed opening, etc., to a trained and experienced Board, would at least furnish the Mayor and City Council with such information in regard to the propriety, advisability and approximate expense of such opening, etc., as would guide the legislative department in determining upon the proposed improvement.

For the effective curtailment of superfluous ordinances it is also suggested that all preliminary notices for street openings (and the subsequent thirty days' notice given by this Board) shall be required to provide for the condemning, opening, *grading*, *paving* and *kerbing* of a specified street or alley, and the ordi-

nance should be in conformity therewith, thus combining the opening, grading and paving in one ordinance. This would save the expense and delay of numerous subsequent notices and ordinances, and render the opening and the enjoyment of a new highway by the public more expeditious. Many applicants for street openings are satisfied to be paid their damages and then leave the bed of the new street unpaved for an indefinite period. If the opening, grading, paving and kerbing are all required and provided for in one ordinance, and those who want their ground opened to market realize that they must prepare it for public use promptly, there will not be so many applications for desultory openings nor so many paper street beds remaining unpaved and unsightly.

In addition to the above we would respectfully renew the suggestion made in our report of December 31, 1893, in regard to the necessity for a correct official list and description of the streets and alleys of this city. That recommendation was as follows:

"We respectfully suggest that there is pressing need of an official list of the streets, lanes and alleys of the city, showing their location, lines and dimensions, and embodying a history of each, disclosing the time and manner of its origin and the changes it has undergone from time to time. Such a work would be valuable for reference, since nothing of the kind is in existence

now. It should define the limits of the highway; declare whether it is public or private; show when it was opened and by what process—whether by condemnation, dedication, or otherwise, and what changes of name it has undergone, together with such other information as would prove useful to the average inquirer. To compile such a record properly will require intelligent work and research, but it would prove a most valuable acquisition when completed. The absence of such a convenience is embarrassing now, and its absolute necessity will be intensified and accentuated in the experience of the future."

Respectfully submitted,

SAMUEL F. SHARRETTS,
LOUIS BECK,
JAMES R. BREWER,

Commissioners.

ROBERT F. GREEN, *Clerk.*

TWELFTH ANNUAL REPORT

OF THE

BOARD OF

FIRE COMMISSIONERS,

AND

THIRTY-SEVENTH ANNUAL REPORT

OF THE

FIRE DEPARTMENT

TO THE

Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1895.

OFFICERS OF THE FIRE DEPARTMENT.

FIRE COMMISSIONERS:

J. ALEXANDER PRESTON, - - - *President.*
HON. ALCAEUS HOOPER, *Ex-officio,*
JOHN F. HUNTER, GEORGE MAY.

SECRETARY AND CLERK:

DAVID H. LUCCHESI.

CHIEF ENGINEER:

JOHN J. LEDDEN.

DISTRICT ENGINEERS:

1st	District, - - -	GEORGE W. HORTON.
2d	" - - -	WILLIAM WHITE.
3d	" - - -	WILLIAM C. McAFEE.
4th	" - - -	FIELDING H. LUCAS.
5th	" - - -	FRANK K. CONWAY.
6th	" - - -	WILLIAM A. LARKINS.

SUPERINTENDENT OF MACHINERY:

GEORGE J. LINSENMEYER.

SUPERINTENDENT OF POLICE AND FIRE-ALARM TELEGRAPH:

CHARLES J. McALEESE.

REPORT.

OFFICE OF BOARD OF FIRE COMMISSIONERS,

BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—The report of the Board of Fire Commissioners for the year ending December 31, 1895, shows the operation of the department during that period of time. Since the last report of this Board two engine companies, known as Nos. 17 and 19, have been equipped, and the necessary men appointed by direction of your honorable body. The new truck house, known as No. 10 Hook and Ladder Company, has also been placed in service, and its construction has added greatly to the efficiency of the department by affording a comparatively safe place for sick and temporarily disabled horses, where they can receive the necessary care and attention.

The Fire Commissioners have also, in compliance with an ordinance of the city, purchased a lot at Walbrook for the erection of a new engine house. It is absolutely necessary for the safety of the lives and property of citizens living in that locality that a new engine house should be built and properly equipped for active service. The distance from the location of engine houses, and the character of buildings constructed in that locality, make the maintenance of an engine house in that vicinity a necessity.

At Hampden the fire and ladder apparatus is stored in a building used as a public hall. It is utterly unfit for the purposes of the Fire Department, from its construction and use. It is not owned by the city, but is rented from year to year. This Board recommends to the city the purchase of a lot and the erection of a suitable building in that locality whereby there would be a promotion of efficiency and a saving of expenditure. This subject was called to the attention of your honorable body last year, but no action was taken.

Since the last report of this Board the ordinance placing the power in its hands to compel the erection of fire escapes where needed, and also giving the power to prevent the erection of unsafe and dangerous buildings, was passed in accordance with the recommendation of this Board. While the passage of this ordinance has entailed much trouble and labor on the officials of this department the beneficial results can hardly be estimated. Buildings where large numbers of women and children were employed have been rendered safe by the erection of fire escapes and safer means of exit. This Board feels it incumbent on it to speak in commendation of the general desire of the citizens to co-operate with it in its endeavors to secure the safety of persons employed in the various buildings, even where the changes required caused much expense to the owners of the property.

This Board would also recommend the purchase of a lot and the erection and equipment of an engine company somewhere in that portion of the city lying between the York road and Charles street. A wide extent of vacant territory has been built up within the last few years, and no adequate protection against fire has been provided for that section of the city.

Tne horses, machinery and appliances in use in the department are in good condition and of the most approved patterns.

This Board must again, as in its last report, urge on your honorable body the erection of a building in some suitable section of the city for the care of sick and disabled horses, and also for the training of those lately purchased for the use of the department. The necessary lot and building for this purpose would require the expenditure of very little money, and in the end must result in much saving to the city. A building of this kind is the adjunct of every well regulated Fire Department in this country, and its usefulness and economy cannot be too highly commended.

There should also be passed an ordinance requiring all new buildings to be properly constructed. An ordinance of this character, properly enforced, would prevent many large fires and add safety to the firemen when engaged in extinguishing fires.

In the last report of this Board it was suggested, to your honorable body, that great improvement in the efficiency of the department could be effected by entirely doing away

with the present substitute system and appointing a body of men who would receive an annual salary of five hundred dollars each. They should be trained for the service and should be appointed to the vacancies created by death, dismissal and other causes. Ten men should be sufficient for the purpose.

In the last report this Board said in reference to this subject: "Instead of the department being filled with a number of substitutes, who sometimes perform efficient, and at other times are utterly inefficient and worthless, the Board of Fire Commissioners would have a trained body of firemen from which to select efficient and proper persons to fill vacancies. As it is now a man brings recommendations and certificates of good character and efficiency for the place of substitute. He is under no control of the officers of the department except when on duty at the engine houses. He receives no compensation, except he is paid by the member whose place he takes. He comes and goes as he pleases, and is a fruitful source of friction in the ranks of the regular firemen. He is sometimes a most worthy and desirable member of the department, but in many instances is a drunken loafer, forced on the Board by the influence of friends and his own persistent effort to obtain a place which permits him to lead, to some extent, a vagabond life. It is impossible, of course, for the Board to have personal knowledge of all the applicants for the place of substitute, and the freedom and indifference with which unworthy persons are furnished with certificates of fitness, given by respectable citizens to unworthy persons applying for service in the department, is astonishing." The Board again reiterates this recommendation, and feels satisfied the efficiency of the department would be increased in every way by the adoption of this plan by your honorable body.

With this report is submitted the suggestions and report of the Chief Engineer and Superintendent of Police and Fire-Alarm Telegraph for the consideration of your honorable body.

The Commissioners file herewith, as part of this report, Exhibits A, B, C, D, E, F, G, H, I and K.

Exhibit A shows the amount appropropriated by the Mayor and City Council of Baltimore for the year 1895, and the expenditures for that period.

Exhibit B shows the amount of special appropriations and disbursements.

Exhibit C shows the general receipts of the department for 1895.

Exhibits D and H show the general expenditures for 1895, and Exhibit E the general statement for 1895.

Exhibits F and I show the expenditures af each company.

Exhibit G shows the expenditures of the City Annex for 1895.

Exhibit K shows the monthly expenditures of the City Annex.

The Commissioners append herewith the estimates of the financial requirements of the department for 1896.

ESTIMATE FOR 1896.

Salaries	$275,400 00
Apparatus	5,800 00
Apparatus repairs	8,800 00
Accident	1,000 00
Feed	13,000 00
Fuel	4,000 00
Furniture	3,000 00
Harness	500 00
Horseshoeing	3,000 00
Hose and suction tubes	9,000 00
Horses	6,900 00
Gas	1,800 00
Oils and paints	2,500 00
Office expenses, including printing report and messenger's salary	1,000 00
Rent	600 00
Rent of telephones	610 00
Miscellaneous	2,000 00
Washing	2,500 00
Insurance of members	1,998 10
Sick	1,300 00
Salaries for ex-members	6,383 33
Police and Fire-Alarm Telegraph	24,674 20
Total	$375,765 63

ESTIMATE FOR 1896—CITY ANNEX.

Deficiency for 1895	$ 588 40
Salaries	32,700 00
Apparatus	100 00
Apparatus repairs	1,000 00
Accident	200 00
Feed	3,000 00
Amount carried forward	$37,588 40

ESTIMATE FOR 1896.—CITY ANNEX—*Continued.*

Amount brought forward	$37,588 40
Fuel	500 00
Furniture	250 00
Harness	200 00
Horseshoeing	600 00
Hose	300 00
Horses	2,500 00
Gas	300 00
Oils and paints	500 00
Rent	600 00
Rent of telephones	35 00
Miscellaneous	300 00
Washing	275 00
Insurance of members	243 80
Sick	100 00
Police and Fire-Alarm Telegraph	1,000 00
Total	$45,292 20

J. A. PRESTON, *President,*
JOHN F. HUNTER,
GEORGE MAY,
Fire Commissioners.

EXHIBITS.

EXHIBIT A.—Appropriation.

Amount appropriated by Hon. Mayor and City Council for the year 1895	$342,141 26
Amount drawn from City Comptroller	335,331 07
Balance undrawn	$6,810 19

EXHIBIT B.—Special Appropriations.

Amount appropriated for fire-alarm boxes at various places	$875 00
Amount drawn from City Comptroller	875 00
Amount appropriated for fire-alarm boxes in the Annex	$500 00
Amount drawn from City Comptroller	497 72
Balance undrawn	$2 28
Amount appropriated for lot of ground in the rear of No. 2 Engine House	$1,500 00
Amount drawn from City Comptroller	1,497 00
Balance undrawn	$3 00
Amount appropriated to organize and equip No. 17 Engine Company	$22,000 00
Amount drawn from City Comptroller	21,955 25
Balance undrawn	$44 75
Amount appropriated to organize and equip No. 19 Engine Company	$22,000 00
Amount drawn from City Comptroller	21,790 35
Balance undrawn	$209 65
Amount appropriated to organize and equip No. 10 Hook and Ladder Company	$16,000 00
Amount drawn from City Comptroller	15,986 63
Balance undrawn	$13 37

EXHIBIT C.—General Receipts.

Balance on hand, store room stock, December, 1894	$ 50 00
Amount drawn from City Comptroller for the year 1895	335,331 07
Amount received from sale of manure and old material	545 25
Amount received from Accident Insurance Company	283 85
Total	$336,210 17

EXHIBIT D.—Showing the Amount Expended for the Year ending December 31, 1895.

Salaries	$243,800 00
Apparatus	630 45
Apparatus repairs	6,780 94
Accident	633 97
Feed	11,896 68
Fuel	3,683 22
Furniture	2,721 72
Harness	273 50
Horseshoeing	2,536 75
Hose and suction tubes	7,590 50
Horses	6,965 00
Gas	1,707 88
Oils and paints	2,507 54
Office expenses, including printing report and messenger's salary	1,110 49
Rent	600 00
Rent of telephones	805 06
Miscellaneous	2,794 70
Washing	2,248 75
Insurance of members	1,769 56
Salaries of ex-members	9,061 45
Sick	1,212 91
Police and Fire Alarm Telegraph	24,000 00
	$335,331 07
Insurance indemnity paid to members	283 85
	$335,614 92

EXHIBIT E.—General Statement.

Receipts from all sources		$336,210 17
Expenditures	$335,614 92	
Amount paid to City Register	545 25	
	$336,160 17	
Balance store-room stock, December 31, 1895	50 00	
		$336,210 17

EXHIBIT F.—Company Expenditures.

No. 1 Engine Company	$12,207 35
" 2 " "	12,718 27
" 3 " "	12,120 09
" 4 " "	13,750 68
" 5 " "	11,669 11
" 6 " "	12,597 20
" 7 " "	12,616 50
" 8 " "	11,468 97
" 9 " "	11,649 48
" 10 " "	11,639 00
" 11 " "	11,730 28
" 12 " "	12,179 97
" 13 " "	11,883 34
" 14 " "	11,203 07
" 15 " "	22,026 34
" 16 " "	13,658 97
No. 1 Hook and Ladder Company	11,440 39
" 2 " " " "	11,463 33
" 3 " " " "	12,026 36
" 4 " " " "	13,224 96
" 5 " " " "	12,226 31
" 6 " " " "	11,805 21
	$277,305 18
Rent of telephones	805 06
Reserves	1,469 05
Officers' salaries and expenses	19,494 73
Office expenses	1,110 49
Miscellaneous	2,085 11
Salaries for ex-members	9,061 45
Police and Fire-Alarm Telegraph	24,000 00
	$335,331 07

EXHIBIT G.—CITY ANNEX—Appropriation.

Amount appropriated by Hon. Mayor and City Council for the year of 1895	$43,260 18
Amount drawn from City Comptroller	43,260 18

EXHIBIT H.—Showing the Amount Expended for the Annexed District for the Year Ending December 31, 1895.

Salaries	$32,700 00
Apparatus	
Apparatus repairs	1,478 53
Accident	59 00
Feed	2,778 30
Fuel	408 45
Furniture	108 37
Harness	55 40
Horseshoeing	559 00
Hose	290 10
Horses	1,845 00
Gas	273 36
Oils and paints	415 32
Office expenses	275 00
Miscellaneous	278 73
Rent	360 00
Washing	264 00
Insurance of members	245 18
Salary, ex-member	47 31
Sick	39 13
Rent of telephones	80 00
Police and Fire-Alarm Telegraph	700 00
	$43,260 18

EXHIBIT I.—Company Expenditures.

No. 1 Chemical Company	$3,490 47
" 2 " "	3,209 04
" 3 " "	3,234 90
" 4 " "	4,070 04
" 5 " "	3,361 77
" 6 " "	3,049 42
" 7 " "	3,584 91
" 18 Engine "	12,411 97
" 7 Hook and Ladder Company	1,037 27
" 8 " " " "	1,399 43
" 9 " " " "	1,446 32
	$40,295 54
Officer's salary and expenses	1,757 83
Rent of telephones	80 00
Reserves	34 30
Office expenses	275 00
Miscellaneous	70 20
Salary of ex-member	47 31
Police and Fire-Alarm Telegraph	700 00
	$43,260 18

EXHIBIT K.—Monthly Expenditures.

January,	Warrants	1	to	13	$3,839 42
February,	"	14	"	24	3,706 12
March,	"	25	"	33	3,294 79
April,	"	34	"	47	3,456 42
May,	"	48	"	58	3,283 92
June,	"	59	"	75	4,755 78
July,	"	76	"	91	3,901 83
August,	"	92	"	105	4,564 55
September,	"	106	"	114	3,510 57
October,	"	115	"	125	3,392 18
November,	"	126	"	131	3,162 63
December,	"	132	"	136	2,889 69
					$43,757 90

Dr. FINANCIAL STATEMENT OF THE FIRE DEPARTMENT

1894.					
December 31, Balance store-room account					$ 50 00
1895.					
January,	Warrants	1	to	52	29,256 82
February,	"	53	to	111	26,723 66
March,	"	112	to	170	34,824 50
April,	"	171	to	245	34,705 61
May,	"	246	to	299	34,482 38
June,	"	300	to	361	32,771 21
July,	"	362	to	432	40,923 37
August,	"	433	to	474	34,794 21
September,	"	475	to	523	41,903 74
October,	"	524	to	567	29,069 43
November,	"	568	to	619	29,162 47
December,	"	620	to	664	28,817 90
					$397,485 30
Old material					545 25
Insurance indemnity					283 85
					$398,314 40

FOR TWELVE MONTHS ENDING DECEMBER 31, 1895. CR.

1895.

January, Expenditures		$29,256 82
February,	"	26,723 66
March,	"	34,824 50
April,	"	34,705 61
May,	"	34,482 38
June,	"	32,771 21
July,	"	40,923 37
August,	"	34,794 21
September,	"	41,903 74
October,	"	29,069 43
November,	"	29,162 47
December,	"	28,817 90
		$397,435 30
Amount paid to City Register		545 25
Amount paid, insurance indemnity		283 85
Store-room account, December 31, 1894		50 00
		$398,314 40

SUMMARY.

City.	Appropriations.	Expenditures.	Balances.
Fire Department	$318,141 26	$311,331 07	$6,810 19
Police and Fire Alarm-Telegraph	24,000 00	24,000 00	.....
Special Fire Department	61,500 00	61,229 23	270 77
Special Telegraph	875 00	875 00	.....
	$404,516 26	$397,435 30	$7,080 96
Annex.			
Fire Department	42,560 18	42,560 18	.....
Police and Fire-Alarm Telegraph	700 00	700 00	.....
Special Telegraph	500 00	497 72	2 28
	$448,276 44	$441,193 20	$7,083 24
	.....	7,083 24	
	$448,276 44	$448,276 44	

1894.			
Dec. 31,	Balance, store-room account.....		$50 00
1895.			
Dec. 31,	Paid out for store-room account.....		3,696 10
			$3,746 10
1895.			
Dec. 31,	Delivered to Companies from store-room	$3,696 10	
	Balance, store-room account	50 00	
			$3,746 10

REPORT

OF THE

CHIEF ENGINEER.

REPORT.

BALTIMORE CITY FIRE DEPARTMENT,

OFFICE OF CHIEF ENGINEER—CITY HALL,

BALTIMORE, January 1, 1896.

To the Honorable Board of Fire Commissioners:

GENTLEMEN.—I have the honor herewith to submit to you the annual report of the Fire Department for the fiscal year ending December 31, 1895, which is the thirty-seventh report of the Paid Fire Department of Baltimore City.

During the year just past the department has been greatly strengthened by the addition of three new companies, Nos. 17 and 19 Engine, and No. 10 Hook and Ladder Companies, which were placed in service March 1, being equipped with spare apparatus until the new apparatus could be built for them. They have fully demonstrated the necessity for creating them and have proved of great value in the districts to which they are assigned.

We are still, however, far behind in the number of companies, in apparatus, members, fire-plugs and many other necessary adjuncts to render the best service in a city of our size, and I append herewith a revised table, showing how much larger departments are possessed by cities of equal or less area and population:

TABLE OF COMPARATIVE FIRE DEPARTMENT STATISTICS.

City.	Area Sq. Miles.	Population.	Engine Companies.	Hook and Ladder Companies.	Chemical Engine Companies.	Water Towers.	Fire-boats.	Members.	Fire-plugs.	Status as to Population.	Status as to Fire Department.
New York	41½	1,800,000	68	28	5	3	3	1,100	9,600	1	2
Chicago	181¼	1,700,000	78	26	23	1	4	1,058	15,771	2	1
Philadelphia	129⅛	1,142,653	46	16	4	1	1	722	9,444	3	3
Brooklyn	72⅓	1,053,398	37	15	.....	.....	2	686	5,000	4	5
St. Louis	61¼	600,000	32	15	4	.....	.....	463	3,939	5	6
Boston	34½	478,000	44	17	10	2	1	775	7,500	6	4
Baltimore	33	455,000	18	7	8	1	1	340	1,584	7	15
Cincinnati	25	325,000	27	10	3	1	.....	303	2,200	8	8
San Francisco	40	310,000	25	13	9	1	.....	644	2,344	9	10
Buffalo	40	300,000	27	11	5	1	2	354	3,629	10	7
Milwaukee	21⅛	276,000	19	6	7	1	2	315	2,065	11	14
Pittsburg	30¾	262,000	21	6	5	.....	.....	260	1,973	12	12
Detroit	28⅛	250,000	21	12	7	1	1	338	2,294	13	11
New Orleans	38	242,039	26	8	9	.....	.....	290	1,350	14	9
Minneapolis	53	210,000	20	6	6	1	.....	306	1,639	15	13
Louisville	13⅓	185,000	14	6	.....	.....	.....	162	760	16	16
St. Paul	55	150,000	13	10	6	1	.....	192	2,131	17	17

A lot of ground has been purchased on North avenue and Tenth street, and I earnestly recommend that a suitable building be erected thereon and an engine company be manned and equipped, as it is a growing neighborhood and at a great distance from other companies, the nearest company being 1¾ miles distant, so that a fire would gain considerable headway before the department could arrive.

I again renew my recommendation that a lot of ground be purchased at Hampden, on which to erect a suitable building for No. 7 Chemical Engine Company. The building this company occupies at present is rented, and the landlord has refused to keep it in proper repair, though he recently raised the rent from thirty dollars to fifty dollars per month. It would, therefore, be clearly to the advantage of the city, as it would certainly be to the members of the company, to have a new and better building.

I again recommend that No. 4 Engine Company and Nos. 4 and 5 Hook and Ladder Companies be equipped with double sets of apparatus and members, which would give an additional engine company in the centre of the city, and afford better protection to the business section, as is done in No. 15 Engine Company, and would strengthen the department in the important branch of the service, the hook and ladder companies, as those companies are far apart, and the small ones in the Annex are insufficiently manned, having only one man each, who is the driver. As it is now, should a large fire occur, calling into service all of the present hook and ladder companies, there is nothing but the small Annex hook and ladder companies in reserve to respond to another alarm.

An additional member should be placed in the several engine and hook and ladder companies having eleven men each, so as to bring all companies up to the standard of twelve men each.

No. 7 Chemical Engine Company and Nos. 7, 8 and 9 Hook and Ladder Companies should have such additional members, say two each, so as to enable them to properly handle the apparatus and render better service. A number of fires in the districts of these companies could have been better and more quickly extinguished had there been more men in these companies to hold them in check until the arrival of the steamers and larger hook and ladder companies.

Again I recommend that the ordinance creating the probationary members, uniformed and under a salary of $600

each, should be passed. These members could be stationed at the houses of the central companies when not in service elsewhere, and can be detailed to other companies to fill the places of other members who are off duty, sick, injured, or on special leave of absence, thereby saving much expense.

I again recommend that No. 18 Engine Company and No. 3 Chemical Engine Company, now occupying one house, be consolidated as one company, to be known as No. 18 Engine Company, having fifteen members under one captain and two lieutenants, the same as No. 15 Engine Company.

I also recommend that the several houses of the department be equipped with the Exchange Telephone of the Chesapeake and Potomac Telephone Company, as the same are of great value in case of the derangement of the regular wires of the Fire Alarm Telegraph in ascertaining and directing the movements of the several companies and receiving their return signals during an alarm of fire. We now depend on the courtesy of neighboring telephone subscribers and the Telephone Exchange for this purpose, which is not so certain or satisfactory as having them right in the houses.

PHYSICAL QUALIFICATIONS OF MEMBERS.

All applicants for positions in the service of the department have to undergo an examination in regard to their physical condition by the surgeon of the department. Members of engine companies are required to be not less than five feet five inches in height and thirty-four inches around the chest, and members of hook and ladder companies are required to be not less than five feet seven inches in height and thirty-six inches around the chest, and to be sound and muscular.

All members of the department receive their full pay when off duty, sick or injured, and, if injured in the service, they receive five dollars per week from the insurance company, in which they are insured. Should death result from injury, the widow or personal representatives of the member receives the sum of five hundred dollars from the city and five hundred dollars from the insurance company. There is also provided in the policy of insurance payments for the loss of one or both eyes, or one or two limbs.

MANUAL FORCE OF THE DEPARTMENT.

Officers:

Chief Engineer	1
District Engineers	6
Superintendent of Machinery	1
	8

Engine Companies.

	Permanent Uniformed Members.
No. 1 Engine Company	11
" 2 " "	12
" 3 " "	11
" 4 " "	12
" 5 " "	11
" 6 " "	12
" 7 " "	11
" 8 " "	11
" 9 " "	11
" 10 " "	11
" 11 " "	11
" 12 " "	11
" 13 " "	11
" 14 " "	11
" 15 " "	20
" 16 " "	12
" 17 " "	12
" 18 " "	12
" 19 " "	12
	225

Chemical Engine Companies.

No. 1 Chemical Engine Company	3
" 2 " " "	3
" 3 " " "	3
" 4 " " "	4
" 5 " " "	3
" 6 " " "	3
" 7 " " "	3
	22

Hook and Ladder Companies.

No. 1 Hook and Ladder Company	11
" 2 " " "	11
" 3 " " "	12
" 4 " " "	12
" 5 " " "	12
" 6 " " "	12
" 7 " " "	1
" 8 " " "	1
" 9 " " "	1
" 10 " " "	12
	85

SALARIES OF OFFICERS AND MEMBERS.

		Per Annum.
1	Chief of Department	$2,000
6	District Engineers, each	1,400
1	Superintendent of Machinery	1,400
26	Captains of Engine and Hook and Ladder Companies, each	1,100
27	Lieutenants of Engine and Hook and Ladder Companies, each	1,000
19	Enginemen, each	1,100
21	Assistant Enginemen, each	900
14	Tillermen of Hook and Ladder Companies, each	900
25	Hostlers of Engine and Hook and Ladder Companies, each	900
7	Captains of Chemical Engine Companies, each	900
10	Hostlers of Chemical and Annex Hook and Ladder Companies, each	800
131	Pipemen of Engine and Chemical Engine Companies, each	800
47	Laddermen of Hook and Ladder Companies, each	800
2	Pilots on Fire-boat, each	1,000
3	Stokers on Fire-boat, each	800
340	Officers and Members.	
22	Members retired and specially employed, each	400
362	Members.	

NUMBER OF BOXES RESPONDED TO BY COMPANIES ON ALARMS OF FIRE.

City Companies.	First Alarm.	Second Alarm.	Third Alarm.	Total.
No. 1 Engine Company	57	158	59	274
" 2 " "	77	60	96	233
" 3 " "	66	79	46	191
" 4 " "	71	100	80	251
" 5 " "	67	32	47	146
" 6 " "	67	109	52	228
" 7 " "	77	128	84	289
" 8 " "	89	57	59	205
" 9 " "	98	31	15	144
" 10 " "	61	89	69	219
" 11 " "	49	22	11	82
" 12 " "	32	20	28	80
" 13 " "	67	53	48	168
" 14 " "	54	17	12	83
" 15 " "	76	122	71	269
" 15 " " (Chemical)	96	2	.....	98
" 15 " " (Water Tower)	31	70	10	102
" 16 " "	58	.....	.....	58
" 17 " "	18	10	21	49
" 19 " "	36	28	9	73
" 1 Hook and Ladder Company	57	72	46	175
" 2 " " "	65	93	60	218
" 3 " " "	74	27	18	119
" 4 " " "	55	99	69	223
" 5 " " "	58	85	36	179
" 6 " " "	50	35	1	86
" 10 " " "	47	29	13	89
Annex Companies.				
No. 18 Engine Company	54	17	24	95
" 1 Chemical Engine Company	14	14	.....	28
" 2 " " "	23	36	.....	59
" 3 " " "	41	20	.....	61
" 4 " " "	21	15	.....	36
" 5 " " "	23	11	.....	34
" 6 " " "	20	86	1	107
" 7 " " "	10	.....	.....	10
" 7 Hook and Ladder Company	18	.....	.....	18
" 8 " " "	14	2	.....	16
" 9 " " "	11	.....	.....	11

SERVICE OF COMPANIES AT FIRES.

City Companies.	Responded.	Transferred.	Feet of Hose Laid.	Working Time.	
				Hours	Min.
No. 1 Engine Company	135		26,400	187	35
" 2 " "	148		37,100	248	39
" 3 " "	177		25,800	109	
" 4 " "	172		37,850	188	
" 5 " "	128	19	12,550	46	40
" 6 " "	147	13	28,250	75	30
" 7 " "	146		34,200	203	31
" 8 " "	129	7	18,300	127	
" 9 " "	167	28	26,300	228	
" 10 " "	118	6	21,000	246	36
" 11 " "	80	22	14,600	31	50
" 12 " "	67	24	18,300	75	45
" 13 " "	134	16	26,100	266	30
" 14 " "	71		11,400	37	20
" 15 " "	169		17,750	176	24
" 15 " " (2d section)	4			1	31
" 15 " " (Chemical)	200		11,400	112	3
" 15 " " (Water Tower)	69			12	
" 16 " "	95		4,550	20	25
" 17 " "	26	20	6,650	38	30
" 19 " "	36	24	6,600	17	10
" 18 " " (Annex)	83	10	20,750	120	
	2,501	189	405,850	2,569	59

SERVICE OF COMPANIES AT FIRES.

City Companies.	Responded.	Transferred.	Ladders used.	Working time. Hours	Min.
No. 1 Hook and Ladder Company.....	121	17	220	185	50
" 2 " " "	157	13	273	242	15
" 3 " " "	129	18	182	145	20
" 4 " " "	116	30	170	205	.....
" 5 " " "	100	37	102	217	30
" 6 " " "	99	4	329	166	.....
" 10 " " "	42	44	45	48	46
	764	163	1,321	1,210	41

CHEMICAL FIRE EXTINGUISHERS.

The six-gallon fire extinguishers were used 1,150 times, and the fifteen-gallon fire extinguishers carried on No. 1 Hook and Ladder Truck were used 55 times, having discharged 7,725 gallons of the solution used in extinguishing fires.

The tanks of the sixty-gallon chemical engine that is used by No. 15 Engine Company have been discharged 71 times, using 4,260 gallons of the solution.

CHANGES IN THE DEPARTMENT IN 1895.

	Deaths.	Resignations.	Dismissals.	Appointments.	Transfers.	Promotions.
Officer.						
District Engineer			1	1		
Companies.						
No. 1 Engine Company			1	2	1	
" 2 " "				1	1	
" 3 " "				3	2	1
" 4 " "			1	6	3	2
" 5 " "				3	2	1
" 6 " "		1	1	7	4	1
" 7 " "				3	3	
" 8 " "			1	3		2
" 9 " "				2	2	
" 10 " "				3	3	
" 11 " "				3	2	1
" 12 " "				4	3	1
" 13 " "			1	3	1	1
" 14 " "				2	1	1
" 15 " "		2	1	7	2	2
" 16 " "			1	4		3
" 17 " "				6	6	
" 18 " "				6	3	3
" 19 " "				2	1	1
" 1 Chemical Engine Company						
" 2 " " "						
" 3 " " "			1	3	1	1
" 4 " " "				2	1	1
" 5 " " "				1	1	
" 6 " " "		1		2	1	
" 7 " " "						
" 1 Hook and Ladder Company		1		6	1	4
" 2 " " "		1		6	3	2
" 3 " " "			2	5	2	1
" 4 " " "			1	9	3	5
" 5 " " "				6	3	3
" 6 " " "						
" 7 " " "						
" 8 " " "						
" 9 " " "						
" 10 " " "			1	3	2	
		6	13	114	58	37

SERVICE OF COMPANIES AT FIRES.

Annex Companies.	Responded.	Transferred.	Tanks used.	Hose laid.	Working time. Hours	Min.
No. 1 Chemical Engine Co....	23	.....	29	3,100	39	13
" 2 " " "	41	1	30	4,450	58	20
" 3 " " "	66	.....	50	5,500	90	35
" 4 " " "	32	.....	23	3,050	33	4
" 5 " " "	20	1	26	2,800	38	59
" 6 " " " ...	21	.....	24	2,450	28	15
" 7 " " "	19	.....	12	1,500	29	.....
	222	2	194	22,850	317	36

SERVICE OF COMPANIES AT FIRES.

Annex Companies.	Responded.	Ladders used.	Extinguishers used.	Working time. Hours	Min.
No. 7 Hook and Ladder Company.....	24	28	17	20	40
" 8 " " "	23	32	7	41	14
" 9 " " "	21	20	15	35	.....
	68	80	39	96	54

The number of gallons of the solution used by the chemical engine and hook and ladder companies was 13,404.

Company.	Position.	Name.	Date.	Box	Time Off Duty.	Nature of Injury.
.....	1st Dis. Engr.	Geo. W. Horton.	April 1	.....	8 days..	Left side wrenched.
.....	1st Dis. Engr.	Geo. W. Horton.	November 22	236	1 day...	Contusion of right shoulder.
No. 1 Engine.....	Pipeman ...	F. A. Hannson .	July 4.....	814	11 days.	Cut in palm of left hand.
" 1 "	Lieutenant .	Wm. F. Morrow.	December 14	13	Still off.	Right ankle sprained.
" 2 "	Hostler.....	Frank Hines....	February 18.	.....	6 days..	Horse treading on right foot.
" 2 "	Pipeman ...	Edward Tauber.	August 22...	527	1 day...	Eyes injured by smoke.
" 2 "	Pipeman ...	W. R. Birckhead	October 25..	364	3 days..	Rupture in right groin.
" 3 "	Pipeman ...	August Schlimm.	May 21.....	.....	.....	Right large toe mashed by horse treading on it.
" 3 "	Engineman..	P. F. Moriarity..	July 12.....	152	3 days..	Right ankle sprained.
" 3 "	Pipeman ...	James T. Pearl..	September 9.	.....	8 days..	Finger cut with knife.
" 3 "	Pipeman ...	H. Furnbaugh..	November 20	124	23 days.	Breast sprained.
" 4 "	Captain	Herm'n F. Bichy	November 6.	.....	Still off.	Spine injured.
" 4 "	Lieutenant .	J. M. Frederick .	November 6.	.....	Still off.	Right ankle broken.
" 5 "	Pipeman ...	William Hastler.	June 26	162	6 days..	Left foot sprained.
" 5 "	As. Engin'an	Joseph Zeidler..	July 21.....	.....	3 days..	Right thumb bit by crab.
" 5 "	Pipeman ...	Wm. B. Baker ..	August 26 ..	14	Still off.	Left leg broken.
" 6 "	Pipeman ...	Isaac Cuddy	November 6.	251	.....	Neck burned.
" 7 "	Pipeman ...	C. A. Soistman..	February 6 .	418	3 days..	Neck and right shoulder bruised.
" 8 "	Pipeman ...	John Krauss....	July 4.....	314	.....	Cut under left eye.
" 9 "	Pipeman ...	John Amend . . .	November 6.	251	10 days.	Contuslon of right side.
" 10 "	Pipeman ...	J. G. Keilholtz..	January 2 ..	535	17 days.	Piece of iron run in finger.
" 10 "	Pipeman ...	Sam'l W. Marker	June 4	48	30 days.	Right foot bruised.
" 12 "	As. Engin'an	Wm. F. Welsh..	January 4 ..	.....	.....	Ruptured.
" 12 "	As. Engin'an	Wm. F. Welsh..	November 14	562	.....	Back strained.
" 13 "	Hostler.....	Mark Hill	August 14	.....	1 day...	Cut over left eye by kick of horse.
" 15 "	Pipeman ...	Frank A. Kraft .	November 14	.....	7 days..	Left wrist sprained.

No. 16	Engine	Captain	R. A. Lindsay	February 14.	522			Cut on forehead.
" 16	"	Lieutenant	George H. Little.	February 16.		30	days.	Back sprained.
" 16	"	As. Engin'an	John H. Stutt	March 24	624	20	days.	Two fingers of the right hand broken.
" 16	"	Lieutenant	George H. Little.	August 4		17	days.	Back sprained.
" 17	"	Pipeman	James Catterton.	April 28				Right hip bruised.
" 18	"	Lieutenant	Wm. H. Quincy.	February 4	522			Left groin and back bruised.
" 18	"	Hostler	John W. Potts	May 18				Right hand and wrist sprained.
" 18	"	As. Engin'an	John I. Cranford	July 23				Right wrist sprained.
" 19	"	Hostler	Michael Farley	June 14	157	14	days.	Index finger of right hand bruised.
No. 1	Hook and Ladder	Ladderman	R. B. Edwards	September 18	52	4	days.	Back of left hand cut.
" 2	" "	Tillerman	John W. Blake	January 1		15	days.	Right shoulder sprained.
" 2	" "	Ladderman	William H. Stahl	July 3	312	10	days.	Back of right hand cut.
" 2	" "	Ladderman	Cooper Elliott	October 6	321	41	days.	Left leg cut.
" 3	" "	Lieutenant	Reter Nelson	June 9	216	5	days.	Nail run in right hand.
" 3	" "	Hostler	John Croucher	July 2		5	days.	Right hand bruised.
" 3	" "	Ladderman	John McClellan	October 6	135	1	day	Right eye cut.
" 3	" "	As. Tillerm'n	John Koos	October 6	135			Left ankle sprained.
" 3	" "	Ladderman	Fred'k Gunbrig	October 6	135			Arms poisoned.
" 3	" "	As. Tillerm'n	John Koos	November 17	134	Still off.		Left ankle sprained.
" 4	" "	Ladderman	Charles Sapp	April 18	352			Right eye burned.
" 4	" "	Substitute	H. Kabernagel	April 18	352	20	days.	Right hand cut.
" 4	" "	Lieutenant	John H. Morgan	April 10		10	"	Contusion of right leg.
" 4	" "	Ladderman	Wm. C. Conner	April 22		7	"	Contusion of right leg.
" 4	" "	Hostler	M. W. Jordan	July 24		5	"	Back strained.
" 4	" "	Lieutenant	John H. Morgan	October 26	399	5	"	Left hand cut.
" 5	" "	Substitute	John J. Clancy	June 11	216	5	"	Right hand bruised.
" 6	" "	Ladderman	Henry Toepfer	February 23.	624	10	"	Right knee cut.
" 6	" "	Ladderman	Henry Toepfer	July 10		5	"	Finger of right hand cut.
" 6	" "	Ladderman	Wm. Leonard	August 8	514	25	"	Shoulder cut and left foot mashed.
" 10	" "	Ladderman	John Sullivan	October 23		24	"	Left wrist sprained.
" 10	" "	Lieutenant	Wm. A. Menshaw	June 25	493	6	"	Back of hand cut.
" 10	" "	Ladderman	John F. Schaefer	September 5.	361	Still off.		Left foot crushed.
" 1	Chemical Engine	Captain	E. W. Steinacker	June 28		5	days.	Left wrist cut.
" 5	" "	Captain	S. R. Watkins	September 17		9	"	Legs and head bruised.
" 4	" "	Pipeman	Joseph J. Poat	October 18	295	10	"	Contusion of right heel.

On January 1, Capt. Wm. White, of No. 4 Hook and Ladder Company, was promoted District Engineer and assigned to the Second District, vice District Engineer Wm. M. Dunn, dropped for physical disability.

On March 13, District Engineer Wm. M. Dunn, in charge of the Second District, was retired and placed on the roll of ex-members employed under the ordinance of the Mayor and City Council.

On March 18, Capt. Ralph S. Ferguson, of No. 3 Chemical Engine Company, was retired and placed on the roll of ex-membars employed as above.

On May 24, Lieutenant Maurice C. Bollman, of No. 4 Engine Company, was retired and placed on the roll of ex-members employed as above.

The time limited in the ordinance authorizing the employment of the ex-members of the department having expired September 30, a new ordinance was passed authorizing their employment for another year and approved October 16.

FIRE ESCAPES.

By ordinance No. 31, approved April 16, 1895, the several sections of the Building Law, relating to fire-proof buildings, fire escapes and exits from buildings, were placed under the supervision of this department.

Since then 240 buildings have been inspected, principally such as had no sufficient fire escapes, and notices issued to erect escapes and carry out the laws.

Fully two-thirds of these notices have been complied with and many escapes have been erected where needed. Of the other third some are under consideration, and others, after a second inspection, were excused from erecting escapes by reason of having sufficient facilities already for escape in case of fire.

DEATHS OF MEMBERS.

On October 2, Maurice C. Bollman, formerly Lieutenant of No. 3 Engine Company, and one of the ex-members employed under the ordinance of the Mayor and City Council, died of consumption.

On October 18, Ralph S. Ferguson, formerly Captain of No. 3 Chemical Engine Company, in the Annex, and also one of the ex-members employed as above, died of consumption.

APPARATUS IN SERVICE.

One fire-boat named *Cataract.*
One Hale water tower.
One extra first-class steam fire-engine.
Three first-class steam fire-engines.
Eight second-class steam fire-engines.
Six third-class steam fire-engines.
Eighteen heaters for steam fire-engines.
Nineteen hose wagons.
Seventeen hose carriages.
Two first size Hayes' extension ladder trucks, eighty-five feet.
Five second size Hayes' extension ladder trucks, seventy feet.
Three small bank ladder trucks with chemical engine companies.
One double-tank chemical engine, 100 gallons each tank.
Two double-tank chemical engines, eighty-five gallons each tank.
Five double-tank chemical engines, fifty gallons each tank.
Fifty-nine chemical fire extinguishers, six gallons each.
Two chemical fire extinguishers, fifteen gallons each.
Seven Concord wagons, with gongs and striking machinery for officers.
One covered wagon for Superintendent of Machinery.
One covered wagon for carrying supplies.
Three covered wagons for linemen, Telegraph Department.
One large covered wagon for material, Telegraph Department.
One carriage used by Superintendent, Telegraph Department.
One large and one small carriage for use of Commissioners.

APPARATUS IN RESERVE.

One first-class steam fire-engine.
Five third-class steam fire-engines.
One fourth-class steam fire-engine, loaned to Health Department.
One first size Hayes' extension ladder truck, eighty-five feet.
One third size Hayes' extension ladder truck, fifty-six feet.

One bank ladder truck, with Bangor extension, sixty-five feet.

One small bank ladder truck in Annex.

Two double-tank chemical engines, fifty gallons each tank.

One chemical fire extinguisher, fifteen gallons.

Four Concord wagons, with gongs and striking machinery.

NEW APPARATUS PURCHASED IN 1895.

One second size double vertical crane-neck piston steam fire-engine, built by the La France Fire-Engine Company, with improved pumps; diameter of steam cylinders 8¼ inches, diameter of pumps 4¾ inches, length of stroke 8 inches, diameter of boiler 33 inches, height of boiler 62 inches, capacity of pumps 750 gallons per minute, weight when ready for service 8,700 pounds, was placed in service at No. 17 Engine Company July 5, 1895.

One third size double vertical crane-neck piston steam fire-engine, built by the La France Fire-Engine Company, with improved pumps; diameter of steam cylinders 7⅜ inches, diameter of pumps 4¼ inches, length of stroke 8 inches, diameter of boiler 32 inches, height of boiler 60 inches, capacity of pumps 600 gallons per minute, weight when ready for service 7,100 pounds, was placed in service at No. 19 Engine Company July 5, 1895.

One second size Hayes extension ladder truck, built by the La France Fire-Engine Company, with seventy-foot extension ladder and all other necessary equipments and latest improvements, including a pipe to be worked at the top of the extension ladder as a water tower, was placed in service at No. 10 Hook and Ladder Company August 3, 1895.

Four hose wagons, manufactured by Theodore Ludwig, were placed in service, two in No. 17 Engine Company, and two in No. 19 Engine Company August 1, 1895.

Nine six-gallon fire extinguishers, made by Chas. T. Holloway, were placed in service, two at No. 17 Engine Company, two at No. 19 Engine Company, two in No. 2 Hook and Ladder Company, two in No. 10 Hook and Ladder Company, and one in Fire-Alarm Telegraph Office, City Hall.

ADDITIONAL APPARATUS REQUIRED FOR THE DEPARTMENT.

Two full wagons, to take the place of the ones at No. 1 Engine and No. 5 Hook and Ladder Houses, which are too cumbersome to render effective service, and should be disposed of.

Six water-tower arrangements, to be attached to the remaining hook and ladder trucks, similar to the one on No. 10 Hook and Ladder Truck, with 50 feet 3-inch hose for each.

A new fire-boat for No. 16 Engine Company, as, should the one now in service be disabled or out of service from any cause, which is liable to occur at any time, we have nothing to take its place; the old boat could then be placed on reserve, and should a conflagration of great magnitude occur, it could be manned and both put in service.

A new water-tower is also required for the same reasons that govern the necessity for another fire-boat. In the event of a large building being on fire both towers could be used, or two fires might occur at one time, each requiring the service of the tower.

DESCRIPTION OF ENGINES.

Engines.	Built by.	When built.	Rebuilt by.	When rebuilt.	Cylinders. Size.	Cylinders. Diam.	Cylinders. Stroke.	Pumps. Diam.	Pumps. Stroke.	Boilers. Diam.	Boilers. Height.	Gallons per minute.	Weight as drawn to fires.	Style of Engine.
No. 1	La France Co.	1893			2d	8¼	8	4¾	8	33	62	750	8,200	Vertical, crane-neck, piston double.
" 2	La France Co.	1889			1st	8¾	8	5	8	36	60	900	9,600	" " " "
" 3	Ives & Bro.	1874	La France Co.	1892	1st	8½	10	5	10	38	64	1,000	10,760	" " " "
" 4	La France Co.	1892			1st	8¼	9	5	9	36	60	900	9,600	" " " "
" 5	Clapp & Jones	1885			3d	6¼	7	3¾	7	32	60	500	6,700	Horizontal, half crane-neck, piston double.
" 6	La France Co.	1890			2d	8¼	8	4¾	8	32	60	700	8,500	Vertical, crane-neck, piston double.
" 7	La France Co.	1891			3d	7⅞	8	4¼	8	30	60	600	7,120	" " " "
" 8	La France Co.	1888			3d	8⅛	6	4¾	6	30	60	600	7,100	" " " "
" 9	La France Co.	1886			2d	7¾	8	4⅜	8	32	60	700	7,480	" " " "
" 10	Clapp & Jones	1886			2d	7½	7	4⅝	7	32	60	700	7,180	" " " "
" 11	La France Co.	1889			2d	8¾	8	4¾	8	34	60	750	8,400	" " " "
" 12	La France Co.	1894			2d	8¼	8	4¾	8	33	62	750	8,660	" " " "
" 13	Silsby Mf'g Co	1887			2d	Rotary pump				34	60	600	6,700	Rotary, " " "
" 14	Clapp & Jones	1888			3d	7	7	4⅛	7	32	60	600	6,990	Vertical, " " "
" 15	Clapp & Jones	1891			1st	9¾	8	5¾	8	38	62	1,000	9,460	" " " "
*" 16	Hull—Brusstar Bros. Pump—Thos. Manning Engine—E. J. Codd Co.	1891				16	10	9	10			4,400		Double vertical pumps.
" 17	La France Co.	1895			2d	8¼	8	4¾	8	33	62	750	8,700	Vertical, crane-neck, piston double.
" 18	La France Co.	1893			3d	7⅞	8	4¼	8	32	60	600	7,000	Double vertical, crane-neck piston.
" 19	La France Co.	1895			3d	7⅞	8	4¼	8	32	60	600	7,100	" " " "
†A	Ives Bros.	1872	La France Co.	1885	3d	10	12	5¼	12	34	62	500	7,800	Single horizontal, straight frame.
†B	Poole & Hunt	1860	Clapp & Jones.	1884	3d	10	12	5	12	32	60	400	7,500	Single vertical, " "
†C	Ives Bros.	1876			3d	10	12	5	12	30	62	400	7,500	Single horizontal, " "
†D	Ives Bros.	1874	Clapp & Jones.	1884	3d	7	7	3¾	7	32	60	500	7,000	Double " " "
†E	Ives Bros.	1877			3d	10	12	5	12	32	60	400	7,500	Single " " "
†F	Ives Bros.	1875	La France Co.	1883	1st	8	10	4¼	10	38	62	900	9,400	Double vertical, crane-neck piston.

* Fire-boat. † Reserve.

HOSE.

Two hundred and ninety-eight sections, making fourteen thousand nine hundred feet of two and one-half inch hose, complete with couplings, were purchased during the year, of which eleven thousand four hundred feet was fabric hose and three thousand five hundred feet was gum hose. Nine thousand four hundred feet of the fabric hose was Unique Double Jacket Brand, two thousand feet were American Jacket Brand, and thirty-five hundred feet were Test Gum Brand.

There is now in service sixty-four thousand and fifty feet of reliable hose, fifty-five thousand seven hundred and fifty feet of which is fabric hose and eight thousand and three hundred feet of which is gum hose. Four thousand and seven hundred feet of fabric hose that would not stand the required pressure (180 lbs. to the square inch), were taken out of service.

All hose is tested at intervals, and any hose that does not stand the test is removed from the line.

There will be required for the department for the year 1896, eight thousand and nine hundred feet of new hose, seven thousand and four hundred feet of two and one-half-inch fabric hose, five hundred feet of three-inch fabric hose for fire boat, and one thousand feet two and one-half inch gum hose for Nos. 11 and 12 Engine Companies, which are in districts where acid and fertilizer factory fires are liable to occur where fabric hose could not be used.

HOSE.

Engine Companies.	New Hose Received.	New Hose Required.	Fabric Hose in Service.	Gum Hose in Service.	Fabric Hose Condemned.	Gum Hose Condemned.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
No. 1	1,000	500	4,000	150	400	.....
" 2	600	600	4,850	.....	.....	.....
" 3	800	500	3,950	.....	50	.....
" 4	1,000	600	3,450	.....	350	.....
" 5	500	.....	3,550	100	150	.....
" 6	600	500	3,000	.....	350	.....
" 7	800	600	3,750	.....	350	.....
" 8	.....	1,000	2,750	.....	350	.....
" 9	500	300	3,650	.....	350	.....
" 10	600	500	3,100	.....	250	.....
" 11	.....	500	1,600	1,450	.....	.....
" 12	500	500	.....	3,100	.....	.....
" 13	500	500	3,500	.....	300	.....
" 14	.....	300	3,150	.....	400	.....
" 15	1,000	1,000	3,950	.....	1,350	.....
" 16	.....	500	1,000	500	150	.....
" 17	3,000	.....	.....	3,000	.....	.....
" 18	500	.....	3,500	.....	.....	.....
" 19	3,000	500	3,000	.....	.....	.....
	14,900	8,900	55,750	8,300	4,700	.....

In addition to this, No. 15 Engine Company has in service 250 feet four-ply gum hose for the use of the chemical engine, and No. 16 Engine Company has in service 200 feet 1½-inch XX brand gum hose for use on the donkey pump on fire-boat.

HOSE FURNISHED TO CHEMICAL ENGINE COMPANIES.

No. 3, 50 feet ¾-inch four-ply gum hose.

HOSE REQUIRED BY CHEMICAL ENGINE COMPANIES.

No. 1, 100 feet 1-inch four-ply gum hose.
No. 2, 100 " " " " "
No. 3, 100 " ¾ " " " "
No. 4, 250 " 1 " " " "
No. 5, 200 " ¾ " " " "
No. 6, 150 " ¾ " " " "
No. 7, 150 " 1 " " " "

Total, 1,050 feet required for 1896.

FIRE-ALARM BOXES.

Eight additional fire-alarm boxes were put up during the year 1895, making the total number now in service three hundred and sixty-one, fourteen of which are private boxes, located on the inside of buildings. The new boxes are numbered and located as follows:

286—Gorsuch avenue and Quaker lane.
287—Brady avenue and York road.
288—York road and Twenty-second street.
337—Dolphin and Division streets.
338—Mulberry and Paca streets.
339—Calvert and Read streets.
459—No. 10 Hook and Ladder House, Lafayette avenue west of Stricker street.
731—North avenue and Chester street.

There are now in service one hundred and thirty-one fire-alarm boxes, with keyless doors.

The following box was erected with keyless doors during the past year.

339—Calvert and Read streets.

The doors of the following fire-alarm boxes should be changed to keyless doors:

14—No. 3 Engine House, Lombard street.
17—No. 11 Engine House, Eastern and Patterson Park avenues.
234—Ann and Orleans streets.
24—No. 6 Engine House, Gay and Ensor streets.
257—No. 5 Hook and Ladder House, Aisquith street near Oliver street.
259—Biddle and Valley streets.
263—Caroline and Preston streets.
264—Caroline and Monument streets.
27—No. 9 Engine House, Madison street east of Broadway.
272—Biddle and Wolfe streets.
324—Preston street and Druid Hill avenue.
326—McMechen street and Pennsylvania avenue.
327—McMechen street and Madison avenue.
36—No. 13 Engine House, Fremont and Myrtle avenues.
364—No. 4 Hook and Ladder House, Biddle street, near Druid Hill avenue.
367—Myrtle avenue and Hoffman street.
371—Mosher and Gilmor streets.
429—Baltimore and Calhoun streets.

455—No. 8 Engine House, Mulberry street, near Schroeder street.
46—Baltimore and Gilmor streets.
481—No. 14 Engine House, Hollins street, near Monroe street.
53—No. 10 Engine House, Columbia avenue, near Poppleton street.
532—Barre and Warner streets.
534—Ridgely and Hamburg streets.
535—Columbia avenue and Wooster street.
612—Montgomery and William streets.
615—No. 12 Engine House, Fort avenue and Johnson street.
631—No. 6 Hook and Ladder House, Hanover and Ostend streets.

Instructions are placed on the doors of all keyless boxes notifying persons that the hook must be pulled down after opening door, as many persons suppose that the opening of the door, which rings a vibrating gong to notify persons in the neighborhood that an alarm is being sounded, turns in an alarm also. It has been frequently the case that persons have opened the doors of such boxes and failed to pull down the hook and sound the alarm, so that the department has been blamed for the delay, when, in reality, they have had no notice of the fire.

LOCATIONS WHERE FIRE-ALARM BOXES ARE REQUIRED.

Hanover and Lombard streets.
Hanover and Conway streets.
Camden and Paca streets.
Hill and Charles streets.
Conway and Fremont streets.
Cross and Race streets.
Howard and Stockholm streets.
Foot of Marshall avenue, Ferry Bar.
Garrett avenue and Beason street.
Baltimore and Schroeder streets.
Poppleton and Saratoga streets.
Division and Robert streets.
Eutaw Place and Wilson street.
Baker and Calhoun streets.
Harlem avenue and Calhoun street.
Fulton avenue and Baker street.

Lafayette avenue and John street.
Fulton avenue and Pratt street.
Hollins and Stricker streets.
Harlem avenue and Monroe street.
Lexington and Pulaski streets.
Calverton and Frederick roads.
Fulton avenue and Saratoga street.
Hollins and Mount streets.
Hamburg and Fremont streets.
Frederick road opposite St. Joseph's Monastery.
Frederick road and Water lane.
Maiden Choice lane and Oregon avenue.
Orleans and Forrest streets.
East and Front streets.
Aisquith street and Harford avenue.
Hoffman street and Homewood avenue.
Lanvale street and Hopkins avenue.
Gorsuch avenue and Independence street.
Montebello and Gutman avenues.
Lexington and Frederick streets.
Lexington and Sharp streets.
Calvert and Franklin streets.
Pratt and South streets.
Courtland and Mulberry streets.
Fayette street and McClellan's alley.
Mulberry and Pine streets.
Franklin and Paca streets.
Baltimore and Pearl streets.
Pennsylvania avenue and Orchard street.
Fairmount avenue and Washington street.
Ann and Eager streets.
Oliver and Luzerne streets.
Broadway and Lanvale street.
Bond street and Boundary avenue.

HORSES.

There are now in the service of the department one hundred and fifty-nine horses, and, with few exceptions, they are all in first-class condition. There was an unusual fatality among them, ten having died from sickness or accident. During the year fifty-nine horses were purchased, six of them being for companies in the annexed district, and seventeen of them being for the new companies; twenty-six horses that

were unfit for service from various causes were disposed of or given in exchange.

The horses in service are used as follows:

Twelve engine companies, four horse each	48
Six engine companies, five horses each	30
Six hook and ladder companies, three horses each	18
One hook and ladder company, two horses	2
Seven chemical engine companies, two horses each	14
One chemical engine company, three horses	3
Three Annex hook and ladder companies, two horses each	6
One water tower, three horses	3
Officers and supply wagon	17
Fire-Alarm Telegraph Department	5
Reserves	13
	159

NEW HOUSES.

The new hook and ladder house was completed and turned over to this department March 7, and was immediately occupied by the company.

The houses of the department that are owned by the city and occupied by the several companies are generally in good condition and repair. Some alterations, improvements and repairs are required for the comfort of the members and to promote the efficiency of the companies. Entirely new houses are required for Nos. 1, 4 and 7 Chemical Engine Companies for reasons previously stated in this report.

The alterations and repairs that have been made are as follows:

ENGINE HOUSES.

No. 1—New floors in stalls and glass in windows and skylight.

No. 2—Pipes in bath-room and water-closet renewed; roof and spouting repaired; new floor in engine-room; new bowls in water-closet; new weight-box for swinging harness.

No. 3—New cement floor in engine room and under stalls; chimney-cap and plumbing repaired.

No. 4—Roof repaired; new floor in front part of engine-room.

No. 5—The plumbing in bath-room repaired; new waste pipe in horse trough; new floor in engine-room.

No. 6—Roof, spouting, horse trough and window sash repaired and plumbing repaired.

No. 7—Floor of engine-room repaired; roof repaired and new down-spout; new wash bowl in bath-room; pavement repaired; new double doors in front.

No. 8—New floor in stable; roof and spouting repaired.

No. 9—Bunk-room and hall papered; tower enclosed.

No. 10—New spout from rear roof; roof painted.

No. 12—Roof repaired; new cellar drainer; new cupboards in cellar; new cords in windows; front and side pavement repaired.

No. 13—New front and side in stall in rear stable; roof repaired and plumbing overhauled; new window frames and screens for two side windows.

No. 14—New iron rail fence in front of side-yard.

No. 15—Shelving in store-room; part of store-room partitioned off for linen-room; former linen-room papered and fitted up for use of District Engineer; trap-door in roof and steps to same.

No. 16—Roof painted.

No. 17—Iron braces on stalls; five new cupboards; ventilator over manure pit; railing around hose tower; coal shed; new door in hose tower and ventilator; new floor in engine-room; stalls shortened and made narrow.

No. 19—Cement pavement in front of house regraded; new horse-stalls; new urine-bowl and wash-basin on first floor; coal-bins in yard; railing around hose tower; cupboards and shelves in linen-room; stalls shortened and narrowed; two boxes for harness weights; roof painted.

HOOK AND LADDER HOUSES.

No. 2—Window cut in north wall of sitting-room; roof repaired and spouting renewed; water pipes repaired.

No. 3—New floor in truck-room; cornice over second-story front window repaired.

No. 4—New coal-bins in cellar; New cement floor in passage to yard; new front doors; drain pipe repaired.

No. 5—Roof repaired and new spouting; hot water boiler and connections; new iron and cement gutter on front pavement; new floor in truck-room.

No. 6—New granolithic floor and gutters; new stalls, urine bowl, cupboard, side door, weather-boarding and waste pipes; walls painted; pavement and yard repaved; roof painted and new gutter.

No. 10—Front doors raised; knobs on doors in hospital.

HOUSES IN ANNEXED DISTRICT.

No. 18 Engine—New hay chute from loft; hot water boiler and connections to bath-room; screens and floor in sitting-room; new sash in watch tower; new stench pipe to roof from sewer pipe; drain pipe from bath tub.

No. 1 Chemical—Roof repaired and painted; bed-room, stairway and sitting-room papered; belfry torn down and tower built; gas pipes repaired; new sill in window.

No. 2—House floor repaired.

No. 4—Coal-bin repaired.

No. 5—New fence in yard and roof on closet.

No. 6—Roof on loft repaired.

No. 7—Two new stalls for No. 9 Hook and Ladder Company.

REPAIRS AND ALTERATIONS REQUIRED—ENGINE HOUSES.

No. 1—New floor in engine-room; watch tower enclosed; dry-house lengthened 10 feet and widened 2 feet.

No. 2—South wall rebuilt, as it is dangerous; doorway to back alley; window in stable; manure pit placed outside of house; dry house removed to east side of house and chimney built on west side for heater; stalls lengthened and regraded, with new floors and partitions; front doors repaired and new springs on same; belfry removed and watch tower built; new board walk on roof; house painted inside and outside.

No. 3—Doorway in front of house widened; new front doors and springs for same; new stall for third horse; new wainscoting in engine-room; stairway removed to west side of house; manure pit removed outside of house or covered; ventilator raised and swinging sash put in it; hose tower raised eight feet and steps to same; new tin roof on main building; belfry removed and watch tower built; new sliding pole from third to second story; third-story ceiling plastered; house painted inside and out and plumbing repaired.

No. 4—Sides of stalls wainscoted and house painted inside and out.

No. 5—Roof and outside woodwork painted; woodwork in engine-room painted; hose tower and stairway on first floor boxed in.

No. 6—House painted inside; new cellar steps; door in hay loft enlarged; first landing of tower enclosed for watch; bath-room made private.

No. 7—House inside and out and roof painted; hose tower and steps to same painted; new shutters on house; bed-room, bath-room and sitting-room papered.

No. 8—New floor in engine-room; hose-tower raised and front painted.

No. 9—House painted inside and out.

No. 10—House painted inside and out; new roof over hay loft; three new outside shutters on west side; new window sash in second story front; new hose tower and steps to same.

No. 11—New floor in engine-room; house painted inside and out; new sides to horse stalls; flow water in stalls increased; second floor papered; ventilator in bunk-room; new bath tub and urine bowl in bath-room; hay loft door enlarged; inside shutters in bunk-room; watch tower repaired; hose tower raised; partition in bunk-room moved; two new sliding poles.

No. 12—New tin roof on house; five new box stalls side of apparatus; new floor in engine-room; hose tower raised; house painted outside; cement pavement in front and on the side; new double door at side entrance; waste pipes connected to sewer.

No. 13—New stall sides in engine-room; sitting-room wall painted; window frames reset; doors and windows painted; ceiling in bed-room and hall repaired; hall and sitting-room floors repaired; four new oval window sashes for tower; two new iron bath tubs.

No. 14—Hose-tower raised; bunk-room papered; woodwork painted inside and out; stalls repaired and wainscoted; water closet ventilated; yard cemented.

No. 15—House painted inside and out; wall between hay loft and bunk-room raised above roof; covered shutters on rear windows of hay loft; rain spout in side yard imbedded in wall for convenience of pompier practice.

No. 16—House painted inside and out; water closet placed on outside of house.

No. 19—Hay loft door enlarged; door in middle of house on west side; cupboards in engine-room; doors on hose tower; boiler and hot water connections to bath-room; ventilator in bunk-room.

HOOK AND LADDER HOUSES.

No. 1—New two-story back building, as the old one is unsafe.

No. 2—New floor in truck-room; ventilator from bunk-room to roof.

No. 3—New stall; stalls repaired; front doorway widened; house pointed inside and out.

No. 4—New pavement; house painted inside and out; wainscoting repaired; new floor in truck-room; new roof on main building.

No. 5—House painted inside and out; one new pole hole and pole; bunk-room enlarged.

No. 6—Outside brick and woodwork painted; new wooden floor over cellar; new board walk on roof; yard cemented.

HOUSES IN ANNEXED DISTRICT.

No. 18 Engine—Yard cemented and drained; woodwork and roof painted; side alley paved; floors repaired.

No. 1 Chemical—House should be rebuilt, as it is dilapidated and unsuitable.

No. 2—House painted inside and out.

No. 4—House should be rebuilt, as it is in such a condition as to impair the health and efficiency of the company.

No. 5—Part of feed-room partitioned off for bath-room; room on first floor for sitting-room; roof painted.

No. 7—Should have new house, as present one is rented and is unsuitable, as previously stated.

FIRES.

During the year 1895 the department attended 619 alarms of fire, which were received from street, instantaneous and automatic boxes, and 197 silent fires, received verbally, at the houses of the several companies.

Of these box alarms 26 were second alarms, 3 third alarms and 2 general alarms.

In a number of instances second alarms were sent in as a precautionary measure, the fire itself being ably handled and extinguished by the first alarm companies.

A tabulated statement of the loss by fire will be found on another page of this report, which shows that the loss has been kept down to a reasonable figure, considering the character and extent of some of the fires with which we have had to deal.

That these losses have been so kept down is a source of pride and gratification to the department and reflects great credit upon it because of the limited facilities they have for doing good work.

In a fire of the magnitude of Storck's mill fire, on June 9, or that of Bagby & Rivers' factory fire, on September 17, in other cities 25 or 30 engine companies could have been massed and the fire crushed out at once, but here we have only 10 or 12 available, and have to fight every inch of our way, and it is only by the most extraordinary efforts of the members that the fire can be stopped.

NOTABLE FIRES.

January 14—Box 291.—Huntingdon avenue near Barclay street. The grand stand of the base ball grounds occupied by the Baltimore Base Ball and Exhibition Company. The fire originated under the grand stand and had great headway before the alarm was sounded. The grand stand and part of the adjoining fencing was destroyed. Owing to the lack of water plugs only a few of the engine companies that responded could be placed in service. The services of two engines, four chemical engines, and one hook and ladder truck were required. The first alarm was received at 11.40 P.M., and the second at 11.48 P.M., and the recall signal at 3.15 A.M. on January 15. The cause of the fire was incendiary.

January 15—Box 341.—13 East Biddle street. A four-story brick building occupied by Thomas Whitridge as a dwelling. The fire originated from an overheated furnace pipe in the cellar, and spread by the stairway to the upper floors and roof. The fire itself was soon subdued but resulted in the sad death of Mr. and Mrs. Whitridge who fell from a ladder placed at the front window by the members of No. 4 Hook and Ladder Company to rescue them, Mr. Whitridge having declined the assistance of a member of this company who was there to assist them. Two female servants were subsequently rescued from the same room and safely carried down the ladders by the members of the same company. The first alarm was received at 4.15 A.M., the second at 4.35 A.M., and the recall signal at 7.46 A.M. The services of one engine company and one hook and ladder company were required. The cause of the fire was the overheated furnace pipe setting fire to a board partition through which it passed.

February 6—Box 418.—217 North Howard street. A five-story brick building, occupied by Aaron Brag as a furniture warehouse. The fire originated in the cellar and swept up

the elevator shaft to the floors above, partly destroying them. The department was greatly hampered in its work by the intense cold of the weather, which covered everything with a sheet of ice and caused great suffering to the members working at the fire. They were much relieved by the kindness and courtesy of Messrs. Hutzler Bros., on Howard street, opposite, who placed their building and employees at the disposal of the department, furnishing warmth and refreshments to the exhausted men. The fire extended to the roofs of Nos. 213 and 215 North Howard street, damaging them and causing damage to the stocks contained in the buildings by water. The first alarm was received at 8.41 A.M., the second at 8.45½ A.M., the third at 8.50 A.M., and the recall at 9.15 P.M. The services of ten engines, one chemical engine, four hook and ladder trucks, and the water tower were required, and the syphon pump of the department was subsequently used to clear the cellars of water. The cause of the fire was a fire built around water pipe in cellar to thaw it communicating to adjacent inflammable material.

February 13—Box 391.—Mary and Retreat streets. A two-story frame building occupied by Charles J. Meister as a cold storage warehouse for meat. The fire destroyed the second floor and contents, and extended to the roof and sheds adjoining. The first alarm was received at 7.06 A.M., the second at 7.16 A.M., and the recall signal at 10.59½ A.M. The services of four engines, one chemical engine, and two hook and ladder trucks were required. The cause of the fire was a lighted candle placed too near woodwork to which it set fire.

February 23—Box 353.—North avenue and McMechen street. A large two-story brick aud frame building occupied by the Baltimore Traction Company as a car barn. The building contained a large number of old horse cars which had been dispensed with and stored in it, and a large part of these and of the building itself was destroyed. The first alarm was received at 11.51 P.M., the second at 11.57 P.M., and the recall signal at 5.29 A.M. on the 24th. The services of five engines, one chemical engine, and two hook and ladder trucks were required. The cause of the fire could not be ascertained.

February 23—Box 624.—1235 and 1237 South Sharp street. A one-story brick building occupied by the American Steel Buckle and Catch on Clasp Company as a manufactory for a

patent buckle and clasp. The fire destroyed the greater portion of the building and contents before it could be stopped, and the large and valuable stock on hand caused serious loss. The first alarm was received at 8.09½ P.M., the second at 8.13¼ P.M., and the recall at 12.05 A.M. on the 24th. The services of seven engines, one chemical engine, and two hook and ladder trucks were required. The cause of the fire could not be ascertained.

March 17—Box 614.—327 Warren avenue. A three-story brick building, occupied by George F. Jones as a paper factory. Owing to the inflammable nature of the stock the fire spread rapidly through the building, destroying the first and second floors and contents, including much valuable machinery used in the manufacture of paper. The first alarm was sounded at 4.49¼ P.M., the second at 4.54¼ P.M., and the recall at 3.38 A.M. on the 18th. The services of eight engines and three hook and ladder trucks were required. The cause of the fire could not be ascertained.

March 24—Box 342.—20 Mt. Royal avenue, occupied as a dwelling by Roscoe B. Heath. The building was three-story brick, and the fire destroyed the parlor, hall, stairway and the greater part of the first and second floors. Mrs. R. B. Heath was badly burned and was taken, together with two children and a servant girl, from the roof of the back building down the ladders by members of No. 4 Hook and Ladder Company, and subsequently died of her injuries. Mr. Heath was also badly burned, but recovered. The alarm was received at 1.00½ A.M. and the recall at 5.05 A.M. The services of six engines, one chemical engine, and two hook and ladder trucks were required. The cause of the fire was the upsetting of a parlor coal-oil lamp.

April 25—Box 526.—213 and 215 West Camden street, occupied by Sibley & Smaw as a feed store and the upper floors of one building as a sash factory. The interior of the first and second floors were destroyed, together with the roof of the smaller two-story brick building adjoining the other five-story brick one. The first alarm was received at 10.49¾ P.M., the second at 10.54 P.M., and the recall signal at 3.40 A.M. on the 24th. The services of six engines, one chemical engine, and four hook and ladder trucks were required. The cause of the fire was incendiary.

May 14—Box 561.—A one-story building, Nos. 1205 and 1207 Leadenhall street, occupied by John Pensil as a cooper

shop, extending to three-story brick building 1209 Leadenhall street, occupied by Mary Topf as a dwelling, also extending to a two-story brick building 1211 and 1213 Leadenhall street, occupied by Jacob Wheatfield as a box factory. The fire destroyed portions of the cooper shop and dwelling and all of the box factory. The first alarm was received at 10.58½ P.M., the second at 11.03 P,M., and the recall signal at 11.10 A.M. on the 15th. The services of eight engines, one chemical engine, and two hook and ladder trucks were required. The cause of the fire could not be ascertained.

June 9—Box 216.—The fire originated in a three-story brick building, Nos. 557 and 559 East Monument street, occupied by A. Storck & Co. on the first floor as a planing mill, and on the second and third floors by S. M. Tinley as a sash factory. A large lumber yard was in the rear of the mill and adjoining buildings, which spread the fire over a wide extent of territory. Nos. 561 and 563 East Monument street, a two-story brick building, occupied by Henry Nieman as an organ factory, eleven three-story brick dwellings on Monument street, and nine two-story brick dwellings were wholly or partly destroyed.

June 25—Box 493.—727 to 741 Church street and Harlem avenue extended at Calverton in the annexed district, occupied as dwellings and stables. Owing to the long distance from the nearest company, the fire gained great headway, and resulted in the destruction of eight of the dwellings, two stables and the partial damage of the others. The alarm was sounded at 3.16½ P.M., and the recall signall at 8.29 P.M. The cause of the fire was the spontaneous combustion of new hay in one of the stables.

June 26—Box 162.—The fire originated in the machine shop of the Baltimore Wool Extract Works, No. 1806 to 1810 Thames street, and extended to stables, stores and dwellings adjacent, partly or wholly destroying eight buildings and their contents. The buildings were two, three, and two-story and attic brick, with adjoining sheds, fences and outhouses. The fire-boat rendered good service with several powerful streams. The first alarm was received at 8.38 P.M., the second alarm at 8.41 P.M., and the recall signal at 2.30 A.M. on the 7th. The services of eight engines, one chemical engine, the fire-boat, and two hook and ladder trucks were required. The cause of the fire was spontaneous combustion of greasy waste in the machine shop.

August 3—Box 457.—918 North Carey street. A four-story brick building occupied by C. W. and F. L. Becker as the Manchester Cigar Factory. The fire was confined to the fourth floor where it originated, destroying that floor and the roof, and damaging the stock on the lower floors by water. The first alarm was received at 8.09 P.M., the second alarm at 8.13 P.M., and the recall signal at 9.58 P.M. The services of two engines, and one hook and ladder truck were required. The cause of the fire could not be ascertalned.

August 8—Box 514.—A large six-story brick building, occupied on the first floor by stores, and on the upper floors by George Francke as a paper box and toy factory. The fire originated on the sixth floor, and though the first company to arrive, No. 15 Engine, penetrated to that floor, they were driven back and out of the building by the dense smoke. The fire destroyed the fifth and sixth floor and roof, but the good service of the water-tower prevented its further spread. The first alarm was received at 5.45 P.M., the second alarm at 6.01 P.M., and the recall signal at 11.52 P.M. The services of eight engines, four hook and ladder trucks and the water-tower were required. The cause of the fire could not be ascertained.

August 10—Box 62.—Five three-story brick buildings, Nos. 17, 19, 27, 29, 31 Weyler street, occupied as stores and dwellings. The back portions of the buildings were frame, and a brisk wind caused the fire from one to the other with great rapidity. Only portions of each building, however, were destroyed. The first alarm was received at 11.35 P.M., the second at 11.46½ P.M., and the recall signal at 2.49½ A.M. on the 11th. The services of four engines and two hook and ladder trucks were required. The cause of the fire was the explosion of a gasoline stove in No. 31 Weyler street.

August 11—Box 616.—A group of buildings corner Covington and Donaldson streets, consisting of one five-story, one two-story, and one one-story frame building occupied as a fertilizer factory by Joshua Horner. Owing to the bad condition of the streets in the neighborhood great difficulty was experienced in getting ths engines to the dock and in getting sufficient water. The buildings in question were destroyed, but the fire was prevented from communicating to the others, one of which contained a large tank filled with benzine. The first alarm was received at 3.23½ P.M., the second alarm at 3.31¾ P.M., and the recall

signal at 3 A.M. on the 12th. The services of seven engines, the fire boat, and two hook and ladder trucks were required. The cause of the fire was lightning striking one of the buildings.

August 22—Box 527.—215 and 217 West Pratt street. A four-story brick building occupied by O'Connor & Startzman as a leather and harness supply store. The fire started in the cellar, and owing to the dense smoke it was some time before it could be reached. It destroyed the contents of the cellar and the rear of the first floor. The first alarm was received at 11.29½ P.M., the second alarm at 12.28½ A.M. on the 23d, and the recall signal at 4.08 A.M. on the 23d. The services of seven engines, one chemical engine and four hook and ladder trucks were required. The cause of the fire could not be ascertained.

September 17—Box 437.—No. 624 to 628 west Pratt street. A five-story brick building, occupied by Bagby & Rivers as a furniture factory and storage warehouse, extending to No. 622 West Pratt street, occupied by Broderick Brothers as a rag storage warehouse. The entire interior of No. 624 was burned out, and the fourth and fifth floors of 626 and 628 were badly damaged; No. 622 had the rear of third and fourth floors and roof burned. The large number of employees in Bagby & Rivers building escaped by the fire escape on the west side, but one of their number attempted to escape by the stairway and was burned to death. The first alarm was received at 7.36½ A.M., the second alarm at 7.41 A.M., the third alarm at 7.47½ A.M., and the recall signal at 6.40 P.M. The services of eleven engines, four hook and ladder trucks and the water tower were required, and a truck company was detailed each day for two days until the remains of the employee who perished were found. The cause of the fire could not be ascertained.

October 6—Box 521.—Northeast corner Hanover and Conway streets. A four-story brick building, occupied by Wehr, Hobelman & Gottleib as the Globe Brewery. The fire destroyed the fourth floor and contents, the roof and cupola, but by good work the rest of the buildings were saved. The first alarm was received at 2.07 A.M., the second alarm at 2.13 A.M., and the recall signal at 5.49 A.M. The services of nine engines, the fire boat, four hook and ladder trucks and the water tower were required. The cause of the fire could not be ascertained.

October 26—Box 399.—A three-story brick store, No. 240 Carroll street, in Woodberry, in the annexed district, occupied by J. P. Benson Sons as a general store, and extending to two three-story brick dwellings on Carroll street, seven three-story frame dwellings on Carroll street, and seven two-story frame dwellings on Park avenue, and an unoccupied hall on Sycamore avenue. The fire destroyed all or portions of the buildings and contents, covering a large area on account of the scarcity of water and the long distance the companies had to come before the scene of the fire could be reached. The first alarm was received at 2.11 A.M., the second alarm at 2.32 A.M., and the recall signal at 9.57 A.M. The services of three engines, four chemical engines, and two hook and ladder trucks were required. The cause of the fire could not be ascertained.

October 30—Box 533.—A large two-story frame building, Nos. 1025 and 1027 West Barre street, occupied by Gottlieb Frey as a stable. The building and contents were totally destroyed, including a number of horses. The first alarm was received at 9.41 P.M., the second alarm at 9.45 P.M., and the recall signal at 11.55 P.M. The services of six engines, and three hook and ladder companies were required. The cause of the fire could not be ascertained.

December 8—Box 135.—A large two-story building, located corner Block and Point streets, occupied by Jesse Tyson as a chrome works. The fire was confined to the one building in which it originated, and the efforts of the land companies were greatly reinforced by the assistance of the fire boat, which was in service, with the bow pipe and eight lines of hose. The first alarm was received at 5.36 A.M., the second at 5.44 A.M., and the recall signal at 9.40 A.M. The services of eight engines, the fire boat and four hook and ladder companies were required. The cause of the fire could not be ascertained.

December 18—Box 525.—No. 121 West Pratt street. A four-story brick building, occupied on the first floor by Furst Bros. as a feed store, and on the upper floors as a picture-frame factory. Owing to the inflammable nature of the contents the flames spread rapidly through the building, destroying the second, third and fourth floors and contents. It was confined to this building by the good work of the department. The first alarm was received at 9.13 P.M., the second alarm at 9.53½ P.M., and the recall signal at 1.20 A.M. on the 19th. The services of nine engines, one chemi-

cal engine and four hook and ladder trucks were required. The cause of the fire could not be ascertained.

December 22—Box 413.—A five-story brick and iron warehouse, No. 32 West Baltimore street, occupied by Heidelberger & Company as a clothing store. At the beginning of the fire several explosions were noticed by the companies first arriving, and the whole structure seemed to be on fire at once. The fire was again confined to the building in which it originated, though the division walls between it and the adjoining buildings were so thin as to enable a person to see daylight through them. The adjoining buildings were somewhat damaged by smoke and water. The first alarm was received at 3.38 A.M., the second at 3.45 A.M., and the third at 3.46½ A.M., and the recall signal at 1.01 P.M. The cause of the fire is supposed to have been the explosion of gas.

December 27—Box 412.—The fire originated in the four-story brick and iron buildings, Nos. 5 and 7 West Baltimore street, occupied by C. N. Oehm & Company as a retail clothing store, which was totally destroyed. The building adjoining, Nos. 1 and 3 West Baltimore street, a three-story brick building, and a three-story brick building No. 2 South Charles street, also occupied by the same firm, were somewhat damaged by smoke and water. The fire also extended to the roof of the rear of Nos. 9 and 11 West Baltimore street, occupied by Armstrong, Cator & Company, dealers in wholesale millinery. A high wind was blowing at the time, which carried sparks to some distance, causing other small fires, which were promptly extinguished by the department. The first alarm was received at 12.11 A.M., followed by the four twos, or general alarm, at 12.15 A.M., and the recall signal at 2.16 P.M. The services of thirteen engines, one chemical engine, the water-tower and four hook and ladder trucks were required, and the syphon pump belonging to the department was supsequently used to clear the cellars of water. Theca use of the fire could not be ascertained.

December 27—Box 213.—The alarm was caused by a panic at Front Street Theatre, started by some one crying "Fire," on account of a light having been applied to a leaking gas pipe, creating a flame. In the rush to escape from the theatre twenty-three persons were killed and about forty wounded. The members of Nos. 3, 4 and 6 Engine Companies, and Nos. 1 and 5 Hook and Ladder Companies, and the officers and sergeants of the Police Department, rendered efficient service in rescuing the survivors and getting out the bodies of those who were killed.

Box	Location.	Date.	Second.	Third.	General.
187	Canton avenue and Luzerne street	January 3	Second		
291	York road and Huntingdon avenue	January 14	Second		
341	Biddle and St. Paul streets	January 15	Second		
418	Howard and Lexington streets	February 6		Third	
391	No. 2 Chemical Engine House, Mary street	February 13	Second		
624	Sharp and Cross streets	February 23	Second		
353	Mt. Royal and Boundary avenues	February 23	Second		
614	Hamburg and Johnson streets	March 17	Second		
273	Gay and Oliver streets	March 28	Second		
48	Landwehr lane and Frederick avenue	March 29	Second		
526	Sharp and Camden streets	April 25	Second		
561	Leadenhall and Ostend streets	May 14	Second		
216	Aisquith and Jefferson streets	June 9			General
162	Thames and Wolfe streets	June 26	Second		
457	Carey street and Riggs avenue	August 3	Second		
514	Eutaw and Pratt streets	August 8	Second		
62	Light and Cross streets	August 10	Second		
616	Covington and Donaldson streets	August 11	Second		
527	Howard and Dover streets	August 22	Second		
285	No. 5 Chemical Engine House, Homestead	August 26	Second		
635	Fort avenue and Hull street	September 14	Second		
437	Pratt and Greene streets	September 17		Third	
52	No. 2 Engine House, Barre street	September 18	Second		
521	Camden and Charles streets	October 6	Second		
399	Third and Sycamore avenues, Woodberry	October 26	Second		
533	Barre and St. Peter streets	October 30	Second		
251	Eager and Ensor streets	November 6	Second		
135	Drawbridge, foot of Falls	December 8	Second		
525	Pratt and Hanover streets	December 18	Second		
413	Baltimore and Liberty streets	December 22		Third	
412	Baltimore and Hanover streets	December 27			General

SUMMARY OF FIRES FOR THE YEAR 1895.

Month.	Dist. 1.	Dist. 2.	Dist. 3.	Dist. 4.	Dist. 5.	Dist. 6.	Total Box.	Silent.	City.	Annex.	Total.
January	5	10	11	11	4	4	45	21	55	11	66
February	7	9	13	14	12	3	58	15	57	16	73
March	10	18	5	12	8	12	65	12	68	9	77
April	9	10	6	4	8	8	45	8	52	1	53
May	8	13	4	5	6	5	41	13	52	2	54
June	9	13	2	9	7	1	41	17	54	4	58
July	13	10	6	6	5	3	43	22	56	9	65
August	9	13	9	7	8	9	55	22	71	6	77
September	4	10	8	12	10	5	49	19	65	3	68
October	10	11	9	19	12	4	65	14	67	12	79
November	10	12	5	5	10	4	46	14	58	2	60
December	9	16	9	10	15	7	66	20	75	11	86
	103	145	87	114	105	65	619	197	730	86	816

TABLE SHOWING LOSS BY FIRE DURING THE YEAR 1895.

Month.	City.		Annex.				
	Box Alarms.	Silent Fires.	Box Alarms.	Silent Fires.	Total City.	Total Annex.	Total Loss.
January	$ 13,118 68	$2,195 78	$10,068 47	$15 00	$15,314 46	$10,083 47	$ 25,397 93
February	77,616 45	722 15	6,476 49	25 00	78,338 60	6,501 49	84,840 09
March	34,717 54	338 23	2,110 00	35 00	35,055 77	2,145 00	37,200 77
April	14,493 17	305 60	.....	.....	14,798 77	.....	14,798 77
May	28,369 63	130 75	38 00	91 40	28,500 38	129 40	28,629 78
June	45,562 90	216 12	5,983 96	.....	45,779 02	5,983 96	51,762 98
July	10,065 06	670 75	1,021 81	25 00	10,735 81	1,046 81	11,782 62
August	93,132 12	391 94	3,497 54	.....	93,524 06	3,497 54	97,021 60
September	37,306 37	237 84	275 00	.....	37,544 21	275 00	37,819 21
October	23,978 08	645 49	15,935 09	164 32	24,623 57	16,099 41	40,722 98
November	17,393 80	250 30	349 25	.....	17,644 10	349 25	17,993 35
December	279,278 43	366 97	3,130 63	5 00	279,645 40	3,135 63	282,781 03
Total	$675,032 23	$6,471 92	$48,886 24	$360 72	$681,504 15	$49,246 96	$730,751 11

TABLE SHOWING THE NUMBER OF FIRES FOR THE HOURS OF THE DAY DURING 1895.

A.M.		P.M.	
Between		Between	
12 and 1 o'clock	36	12 and 1 o'clock	32
1 " 2 "	21	1 " 2 "	34
2 " 3 "	23	2 " 3 "	32
3 " 4 "	11	3 " 4 "	37
4 " 5 "	19	4 " 5 "	45
5 " 6 "	14	5 " 6 "	61
6 " 7 "	12	6 " 7 "	54
7 " 8 "	26	7 " 8 "	70
8 " 9 "	24	8 " 9 "	62
9 " 10 "	31	9 " 10 "	37
10 " 11 "	47	10 " 11 "	36
11 " 12 "	32	11 " 12 "	20
			816

TABLE SHOWING THE NUMBER OF FIRES FOR EACH DAY OF THE WEEK DURING 1895.

Day.	Number of Fires.
Sunday	84
Monday	116
Tuesday	128
Wednesday	133
Thursday	125
Friday	123
Saturday	107
	816

TABLE SHOWING THE DIFFERENT CAUSES OF FIRES AND ALARMS DURING 1895.

Accidental alarm	3
Balloon on roof	1
Box pulled for preceding fire	6
Burning chimney	39
Bursting carboy of acid	1
Bursting steam-pipe	1
Bursting water-back	5
Children playing with fire	3
Children playing with matches	20
Clothing blowing against range	1
Defective flue	23
Defective hot-air pipe	4
Electric light wire	26
Exhaust steam	1

Explosion of chemicals	2
Explosion of coal-oil lamp	20
Explosion of coal-oil stove	20
Explosion of flue in boiler	1
Explosion of gas	3
Explosion of gasoline lamp	1
Explosion of gasoline stove	74
Falling candle	1
Falling lamp	3
False alarm (various causes)	23
Fire dropping from grate	1
Fire dropping through hearth	3
Fireworks	10
Friction of machinery	3
Gas jet igniting bagging	1
Gas jet igniting curtain	14
Gas jet igniting goods	2
Gas jet igniting woodwork	1
Grease boiling over	3
Grounding of electric current	1
Hot air from register	1
Hot ashes against door	1
Hot ashes in wooden box	1
Hot axle-box	1
Hot coals on pile	1
Incendiary	14
Leaking coal-oil stove	1
Lighted candle on stairs	1
Lighted candle set fire to bed	1
Lighted candle set fire to christmas tree	3
Lighted candle near woodwork	5
Lighted cigar on mantel	1
Lighted cigar thrown in waste basket	1
Lighted lamp on stairs	1
Lighted lamp set fire to christmas tree	1
Lighted match thrown on bed	1
Lighted match thrown on bench	1
Lighted match thrown on clothing	1
Lighted match thrown on curtain	1
Lighted match thrown on floor	7
Lighted match thrown on gasoline	1
Lighted match thrown on lamp shade	1
Lighted match thrown on mantel	1
Lighted match thrown on paper	1
Lighted match thrown on rubbish	2
Light from cupola	1
Light from windows	3
Lightning	4
Mice or rats nibbling matches	9
Overheated boiler	3
Overheated cupola	1
Overheated furnace or stove	39
Overheated furnace pipe	14
Overheated kiln	1
Overheated steam-pipe	1

Panic in theatre	1
Rekindling	5
Set on fire by boys	11
Slaking lime	3
Smoke blowing over roof	1
Smoke from register	2
Smoke from stove-pipe	1
Smoke from windows	12
Smoking pipe in bed	1
Sparks from brush fire	1
Sparks from chimney or stack	23
Sparks from cupola	4
Sparks from furnace or stove	5
Sparks from forge	2
Sparks from hearth	2
Sparks from kiln	1
Sparks from locomotive	7
Sparks from oven	2
Sparks from pipe	4
Sparks from previous fire	3
Sparks from stove-pipe hole	3
Spontaneous combustion	10
Stepping on parlor match	3
Tar boiling over	1
Thawing water-pipe	7
Tinner's fire-pot	4
Unknown	221
Upsetting candle	1
Upsetting lamp	7
Upsetting stove	2
Upsetting sulphuric acid	1
Upsetting torch	1
Vapor of gasoline	14
	816

UNDERGROUND WIRES.

A large portion of the fire-alarm wires have been placed underground and will shortly be in service, which will greatly lessen the danger and trouble to the department by accidents to the telegraph line.

OVERHEAD WIRES.

I again call attention to the absolute necessity of placing all the overhead wires underground, as their present condition is a great interference with the working of the department and a constant menace to the lives of the members. At almost every large fire the ladder service is delayed, and sometimes actually prevented by the network of overhead

wires, and the ladders, trucks, etc., are so charged with electricity as to make it dangerous and impossible to touch them. This condition of affairs should be remedied, and the only proper remedy is to place all telegraph, telephone, electric light and trolley wires underground.

FIRE-PLUGS AND WATER-MAINS.

In many localities the water supply has been and is being considerably improved.

There are still some localities where there is necessity for larger mains and more plugs, particularly in Waverly, Woodberry and other places in the annexed district.

The number of plugs is totally inadequate to the requirements of a city of our size, as will be seen by the comparative table at the beginning of this report.

The number of plugs put up during the past year was sixty-five, making the total number 1,584.

During the year the department has had some severe tests at fires, and I can safely say, without boasting, that it has maintained its previous excellent record for efficiency and discipline. This is not only shown by good work at large fires, but is proven by the rapidity and facility with which fires, which would have been extensive conflagrations had they not been handled promptly, have been reached and extinguished.

To the officials, officers and members of the department I return my thanks for their co-operation and assistance in effecting any beneficial results we have achieved.

I also return thanks to the Police Department for valuable services and assistance rendered at fires, particularly to the officers and crew of the police boat Lannan, who have rendered efficient service on several occasions.

I have also to thank the officers and members of the Salvage Corps for valuable services at fires, and other assistance and courtesies extended to this department.

Respectfully submitted,

JOHN J. LEDDEN,

Chief Engineer.

LOCATION OF COMPANIES

AND

ROSTER.

ENGINE COMPANY No. 1.

Located on Paca Street, North of Fayette Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
J. Thomas Dunn.....	34	6 years....	Captain ..	621 W. German st...	Iron moulder.
William F. Morrow...	45	19 " ..	Lieutenant	1014 Druid Hill ave..	Moulder.
Charles E. Freburger .	47	20 " ..	Enginem'n	111 N. Pearl st.....	Machinist.
John W. Eckhardt....	32	5 yrs. 4 mo.	Ass't Eng.	650 W. Barre st.....	"
Lewis J. Fresch.....	52	24 years ..	Hostler ...	3 N. Pearl st.....	Driver.
Edward P. Addison...	48	21 " ..	Pipeman..	849 W. Lexington st.	Machinist.
Albert Oelmann.....	30	7½ " ..	" ..	710 W. Mulberry st..	Blacksmith.
Frank A. Hanssen.....	27	3 yrs. 15 ds	" ..	654 W. German st...	"
John J. McCarthy.....	25	2 yrs. 5 mo	" ..	923 W. Hollins st....	Horseshoer.
George W. Bentz.....	55	26 years..	" ..	422 W. Mulberry st..	Baker.
Ambrose Spangler.....	30	19 days...	" ..	8 Madison, Homestead	Driver.

ENGINE COMPANY No. 2.

Located on Barre Street, West of Sharp Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
William R. Ward.....	51	23 years ..	Captain	124 S. Calhoun st....	Carpenter.
George C. Young.....	43	4 yrs. 9 mos	Lieutenant	3 E. Henrietta st....	Tinner.
Thomas S. Atkinson...	45	14 " 3 "	Enginem'n	1839 W. Lombard st.	Machinist.
Daniel H. Weber.....	35	6 " 4 "	Ass't Eng.	506 S. Sharp st.....	"
Frank Hines.....	31	5 " 7 "	Hostler. ..	936 S. Sharp st.....	Driver.
William Eckert.....	37	8 " 7 "	Pipeman..	708 Hanover st.....	Brushmaker.
George H. Hewitt.....	30	4 " 6 "	" ..	415 S. Sharp st.....	"
Charles E. Rice.....	26	2 " 8 "	" ..	634 W. Barre st.....	Baker.
William H. Bell.....	39	1 " 6 "	" ..	1118 Cleveland st....	Blacksmith.
Edward Tauber.....	29	5 " 1 "	" ..	608 S. Greene st.....	Driver.
William R. Birckhead..	31	3 " 11 "	" ..	213 W. Barre st.....	Cigarmaker.
William Kimball.....	25	9 months..	" ..	1138 Hanover st.....	Paperhanger.

ENGINE COMPANY No. 3.

Location on East Lombard Street, Near High Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John B. Bortell	30	7 yrs. 3 mos	Captain	1236 Jackson st.	Shiprigger.
Emil Heise	36	5 " 9 "	Lieutenant	1219 E. Lexington st.	Furniture pck'r.
Patrick F. Moriarty	45	21 years	Engineer	910 E. Lombard st.	Machinist.
Jacob W. Dohler	32	2 "	Ass't Eng.	215 S. Exeter st.	"
John F. Pierce	52	20 "	Hostler	407 N. Paca st	Driver.
George L. Schlimm	35	7 yrs. 8 mos	Pipeman	246 S. Exeter st.	Boxmaker.
Herman Fumbaugh	37	7 " 8 "	"	1314 Eastern ave	Driver.
Robert H. Dougherty	39	6 years	"	1223 E. Townsend st.	Undertaker.
August Schlimm	29	5 yrs. 7 mos	"	1010 Eastern ave	Driver.
James T. Pearl	39	9 years	"	910 E. Lombard st.	Tobacco worker.
John T. Seabreeze	50	2 yrs 10 mo	"	1202 Gough st	Painter.

ENGINE COMPANY No. 4.

Located on Lexington Street, Between North and Calvert Streets.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Herman F. Bichy	37	5 yrs. 9 mos	Captain	765 W. Pratt st.	Clerk.
John M. Frederick	33	8 years	Lieutenant	1717 Harford ave.	Shoemaker.
William J. Dohler	31	2 yrs. 6 mos	Enginem'n	1013 Stiles st.	Machinist.
Herbert W. Peerce	29	4 " 6 "	Ass't Eng.	23 S. Broadway	"
Philip L. Brady	32	9 years	Hostler	1833 Frederick ave.	Driver.
Constant Seibert	44	14 "	Pipeman.	1138 Laurel st.	"
Joseph Ott	32	1 yr., 8 mos	"	1240 Jackson st.	Mill worker.
Frank C. H. Berger	39	10 years	"	816 Ensor st.	Silversmith.
Henry F. Boerner	35	9 months.	"	707 Colvin st.	Tinsmith.
William A. Hall	31	9 "	"	711 Warner st.	Marble cutter.
James J. McGraw	42	2 yrs. 10mo	"	431 E. Preston st.	Clerk.
William C. D. Knight	26	1 yr. 5mos.	"	26 E. Montgomery st.	Driver.

ENGINE COMPANY No. 5.

Located on Ann Street, Near Gough Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Andrew W. German...	46	24 years..	Captain...	239 S. Ann st.....	Painter.
Charles Rosenthal.....	38	5 " ..	Lieutenant	12 S. Ann st.....	Carpenter.
Frederick L. Nelson...	48	21 " ..	Enginem'n	404 S. Ann st.....	Machinist.
Joseph Zeidler.....	43	2 yrs. 11mo	Ass't Eng.	2009 Gough st.....	Marine engineer
Henry Murphy.....	44	16 years..	Hostler...	241 S. Washington st.	Sugar refiner.
Henry R. Seippel.....	46	21 " ..	Pipeman..	1629 E. Lombard st..	Barber.
William B. Baker.....	38	14 " ..	" ..	208 S. Ann st.....	Brass finisher.
John H. Reitz.....	33	8 " ..	" ..	2411 Fairmount ave..	Merchant.
Anthony Schoepplein..	40	4 yrs. 6 mos	" ..	309 S. Regester st...	Cooper.
John F. Bilson.....	32	3 " 6 "	" ..	17½ S. Castle st.....	Painter.
Christian Fitzberger...	25	9 months..	" ..	1518 Bank st.....	China packer.

ENGINE COMPANY No. 6.

Located Corner of Gay and Ensor Streets.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Richard V. Pittinger..	47	16 years...	Captain.	1632 Madison st.....	Carpenter.
Charles Betz.....	42	11 " ..	Lieutenant	426 Colvin st.....	Shoemaker.
Matthew Mulligan.....	57	25 " ..	Enginem'n	1027 Valley st.....	Machinist.
William H. Hardy.....	31	9 months..	Ass't Eng.	328 S. Poppleton st.	.....
William H. Dunn.....	45	12 years..	Hostler...	1839 W. Baltimore st.	Hostler.
George Sykes.....	35	3 yrs. 7 mos	Pipeman..	1115 E. Monument st.	Collarmaker.
Frederick W. Harman.	31	3 " 4 ..	" ..	405 N. Spring st.....	Brass finisher.
Isaac Cuddy.....	26	2 " 1 ..	" ..	808 Central ave.....	Carpenter.
George W. Fields.....	41	9 months..	" ..	1230 E. Monument st.	"
Wm. McKay Morrow...	27	6 " ..	" ..	1113 E. Monument st.	Paper carrier.
John T. Gordon.....	23	4 " ..	" ..	7 S. Durham st.....	Soap presser.
Frederick H. Kaufman	23	3 " ..	" ..	1833 Jefferson st.....	Carriagesmith.

ENGINE COMPANY No. 7.

Eutaw Street and Druid Hill Avenue.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Levin H. Burkhardt...	28	5 years...	Captain ...	1252 Barclay st.....	Carpenter.
Lawrence Pistel.....	45	21 " ...	Lieutenant	1544 Argyle ave.....	Cigarmaker.
Samuel W. Stansbury..	45	21 " ...	Engineer..	1925 W. Baltimore st.	Machinist.
Frank R. Nehren.....	31	4 yrs. 8 mos	Asst. Eng.	912 Argyle ave.....	"
Harman Schiminger....	41	5 " 9 "	Hostler ...	230 Rock st.....	Hostler.
Charles A. Soistman...	42	5 " 9 "	Pipeman..	602 Bradley st.....	Drummaker.
George Schneider.....	27	3 " 3 "	" ..	907 Madison ave.....	Gasfitter.
John Weinkamp.....	29	3 " 9 "	" ..	655 W. Mulberry st..	Cigarmaker.
Fred'k W. Johnston, Jr.	26	1 " 8 "	" ..	1030 W. Saratoga st.	Carpenter.
Andrew J. Ruth.....	25	1 " 5 "	" ..	320 S. Wolfe st.....	Stationary Eng.
Andrew A. Albert.....	32	9 months..	" ..	935 N. Castle st.....	Driver.

ENGINE COMPANY No. 8.

Located on Mulberry Street Between Schroeder Street and Arlington Avenue.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Andrew J. Walter	58	25 years	Captain	1020 W. Saratoga st.	Cigarmaker.
Frederick Johnston	52	20 "	Lieutenant	323 N. Mount st.	Carpenter.
John A. Bannan	53	18 "	Enginem'n	1117 Riggs ave	Machinist.
William F. Awalt	35	5½ "	Ass't Ang.	312 N. Poppleton st.	"
James McGlennan	34	6½ "	Hostler	236 N. Schroeder st.	Moulder.
Greenbury Chapman	63	25 "	Pipeman	954 Franklin st	Shoemaker.
Charles Airey	44	10 "	"	1700 Mulberry st	Cigarmaker.
Jacob F. Rupp	38	7½ "	"	818 S. Gilmor st.	Plasterer.
John J. Murphy	41	4½ "	"	1119 Franklin st.	Moulder.
Thomas W. Jessop	36	1 year	"	1117 Mulberry st	"
Albert Schyne	27	4 months	"	642 Mosher st	Driver.

ENGINE COMPANY No. 9.

Located on Madison Street East of Broadway.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
David H. MaCaulay	69	35 years	Captain	1211 N. Eden st.	Painter.
Solomon Uhlfelder	52	24 "	Lieutenant	1641 E. Madison st.	Huckster.
Daniel R. Rogers	49	24 "	Enginem'n	1706 E. Madison st.	Machinist.
William H. Stanton	47	18 "	Ass't Eng.	5 N. Broadway	"
William B. Baker	38	15 "	Hostler	727 N. Washington st.	Driver.
James McDevitt	53	24 "	Pipeman	1705 E. Madison st.	Harnessmaker.
William H. Cuddy	38	7 yrs. 6 mos	"	1515 E. Madison st.	Driver.
Clinton Baker	35	2 " 10 "	"	808 N. Wolfe st.	Laborer.
John Amend	35	4 " 3 "	"	2209 Jefferson st.	Boxmaker.
Gustave Miller	24	9 mos. 15 ds	"	507 N. Bond st.	Driver.
Louis Lohmann	35	9 " 15 "	"	1546 N. Gay st.	Varnisher.

ENGINE COMPANY No. 10.

Located on Columbia Avenue Near Poppleton Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Henry Stagge	30	4 yrs. 6 mos	Captain	1117 Bowen st	Moulder.
Charles Romoser	34	6 " 5 "	Lieutenant	507 S. Howard st	Plumber.
John W. Walsh	46	20 years	Enginem'n	1115 W. Baltimore st.	Machinist.
James Nugent	39	12 "	Ass't Eng.	417 S. Poppleton st	"
Edward Norton	31	2 yrs. 9 mos	Hostler	33 W. West st	Hostler.
Justice G. Keilholtz	50	22 years	Pipeman	896 W. Lombard st	Mantle setter.
Henry Zachman	42	7 yrs. 6 mos	"	1256 James st	Cigarmaker.
John Eigenbrodt	34	5 years	"	1123 Bowen st	Woodcarver.
Samuel W. Marker	45	15 "	"	208 N. Arlington ave.	Carpenter.
Joseph A. Derwart	32	10 months.	"	1124 W. Hamburg st.	Shoemaker.
Edward A. Ward	22	10 "	"	1515 Battery ave	Driver.

ENGINE COMPANY NO. 11.

Located on Eastern Avenue Corner Patterson Park Avenue.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Michael A. Lind	34	9 years	Captain	505 S. Pat's'n Pk. ave	Painter.
Thomas Flaherty	35	4 "	Lieutenant	2103 Bank st	Pilot.
John Calder	49	25 "	Enginem'n	422 S. Pat's'n Pk. ave	Machinist.
John Lindemann	48	7 "	Ass't Eng.	2036 Bank st	Machinist.
Patrick Birthistle	28	3 "	Hostler	130 Gough st	Driver.
John W. Barton	31	4 "	Pipeman	317 S. Chester st	Moulder.
John F. Curry	27	1 yr. 5 mos.	"	810 S. Port st	Stove finisher.
Albert H. Geer	41	17 years	"	126 S. Chapel st	Painter.
Joshua H. Miller	39	10 "	"	2931 Fait ave	Cigarmaker.
Philip Peacock	37	10 months.	"	608 S. Washington st.	Tinner.
George Shipley	38	6 "	"	2242 Bank st	Gilder.

ENGINE COMPANY No. 12.

Located on the Southeast Corner of Riverside and Fort Avenues.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
George W. Smith	38	5 yrs. 8 mos	Captain	405 Wehage st	Plumber.
Edward C. Klessel	43	14 years	Lieutenant	1442 Riverside ave	Gilder.
Michael Lycett	49	23 "	Enginem'n	1417 Battery ave	Machinist.
William F. Welsh	32	2 yrs. 7 mos	Ass't Eng.	20 E. Heath st	"
Joseph W. Moon	45	18 years	Hostler	509 Battery ave	Hostler.
Thomas Voyce	35	6 yrs. 9 mos	Pipeman	404 E. Fort ave	Boilermaker.
Peter McGonigle	35	6 years	"	1265 Riverside ave	Cotton Inspect'r
Gerhart Tabeling	32	3 yrs. 7 mos	"	1442 " "	Harnessmaker.
James Knox	35	8 months	"	1329 Hull st	Laborer.
William P. Burke	32	8 "	"	2018 Eastern ave	Boilermaker.
James P. Ward	27	1 "	"	109 W. Fort ave	Upholsterer.

ENGINE COMPANY No. 13.

Located at the Intersection of Fremont and Myrtle Avenues.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John Hoffman	48	19 years	Captain	637 Pitcher st.	Canmaker.
Thomas J. Strahler	36	16 "	Lieutenant	1320 Ensor st.	Tinner.
John H. Deal	53	23 "	Enginem'n	1519 Myrtle ave.	Machinist.
Edward G. Riley	38	3 yrs. 4 mos	Ass't Eng.	614 Mosher st.	"
Mark Hill	43	6 years	Hostler	1113 Myrtle ave.	Driver.
Philip Bowen	44	18 "	Pipeman	1238 Argyle ave.	Cigarmaker.
Wilbur Pearce	38	11 "	"	1109 Winchester st.	Moulder.
James Nolan	25	2 yrs. 7 mos	"	230 N. Fremont ave.	Collarmaker.
Joseph Hummel	25	1 yr. 6 mos	"	1621 W. Baltimore st.	Painter.
John W. Cook	34	2 yrs. 9 mos	"	637 Mosher st.	Baker.
James J. Wheeler	35	10 months.	"	1711 Brunt st.	Laborer.

ENGINE COMPANY No. 14.

Located on Hollins Street, Near Monroe Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
George A. Wright	39	5 years	Captain	1913 W. Lombard st.	Painter.
Charles E. Dewitt	45	11 "	Lieutenant	2452 W. Baltimore st.	Carpenter.
John Gaffney	40	18 "	Enginem'n	1923 Hollins st	Machinist.
Cornelius P. Kuhan	49	3 "	Ass't Eng.	18 S. Monroe st	Machinist.
James T. Braden	27	2 yrs. 2mos	Hostler	1933 Hollins st	Driver.
C. Allen Orem	45	13 years	Pipeman	1811 W. Lexington st	Painter.
J. Oscar Healey	61	35 "	"	1710 W. Fayette st	Carpenter.
Charles H. Baker	43	16 "	"	1928 Hollins st	Scalemaker.
George E. Hibline	45	3 yrs. 5mos	"	310 S. Bruce st	Painter.
Leonard Jessop	40	" "	"	1922 Frederick ave.	Plasterer.
Hugh P. Fox	34	" "	"	1907 Frederick ave.	Laborer.

ENGINE COMPANY No. 15.

Lombard Street, Between Howard and Eutaw Streets.

Name.	Age.	Time of Service	Position.	Residence.	Former Occupation.
John Todd	31	4 yrs. 6 mos	Captain	834 W. Lombard st.	Laborer.
Edward F. Kelly	37	5 " 3 "	Lieutenant	38 S. Eutaw st.	Street paver.
Louis Harrer	38	3 years	"	227 S. Caroline st.	Pile driver.
John Conway	40	12 yrs. 9 mo	Enginem'n	1630 McHenry st	Machinist.
John J. Cahill	31	2 yrs. 10 "	Ass't Eng.	900 " "	"
George C. Lloyd	26	3 years	"	733 " "	"
John F. Mackenzie	48	6 yrs. 10 mo	Hostler	1256 Barclay st.	Carr diver.
George H. Rush	28	3 " 4 "	Pipeman	38 S. Eutaw st.	Confectioner.
Charles L. Schulte	37	3 " 1 "	"	1118 S. Paca st.	Butcher.
Andrew J. Connelly	40	15 " 7 "	"	411 N. Pine st.	Driver.
Michael E. Lynch	35	2 " 6 "	"	712 S. Dallas st.	Laborer.
August Lang	28	2 " 1 "	"	604 Scott st	Cigarmaker.
John Kahl	26	1 yr. 10 "	"	902 Hanover st.	Driver.
Frank A. Kraft	25	1 " 5 "	"	1125 S. Charles st.	Painter.
William E. Stewart	26	2 yrs. 1 "	"	1149 E. Lombard st.	Iron moulder.
Thomas B. Strahan	51	15 years	"	1209 Jackson st	Currier.
Martin J. Hesmer	49	8 months	"	814 W. Mulberry st.	Machinist.
John A. Henneman	32	8 "	"	518 N. Paca st	Driver.
Frank J. Lavender	24	5 "	"	771 W. Mulberry st.	Laborer.
Joseph P. McKenna	24	1 month	"	14 Gittings st	Hardw'd fin'h'r.

ENGINE COMPANY No. 16.

Location, Commercial Wharf.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Richard A. Lindsay	52	24 years	Captain	101 S. Chester st.	Paperhanger.
George H. Little	52	9 years	Lieutenant	132 N. Ann st.	Painter.
John H. Brown	48	4 yrs. 6mos	Pilot	1716 Fairmount ave.	Steamboat Pilot
William C. Stallings	47	4 yrs. 1 mo	"	309 S. Ann st	" "
Thomas H. Meushaw	39	9 years	Enginem'n	6 N. Ann st.	Machinist.
William T. Hubbard	37	2 years	Ass't Eng.	31 S. Bond st.	Marine Eng'eer.
John H. Stutt	52	4 yrs. 6mos	"	2212 Gough st.	Machinist.
James H. Hoey	48	4 " "	Stoker	218 S. Castle st.	Stoker.
George Horley	39	4 " "	"	2427 Block st	"
Lawrence T. Rudolph	22	10 months.	"	136 W. Clement st.	Machinist.
John Stanton	32	10 months.	Pipeman	2206 E. Lombard st.	Boilermaker.
Joseph Nelson	26	10 months.	"	614 S. Chapel st.	Laborer.

ENGINE COMPANY No. 17.

Fort Avenue and Haubert Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John Prenger	43	5 yrs. 8 mos	Captain	1411 Hull st	Machinist.
William J. Stewart	45	20 years	Lieutenant	424 N. Arlington ave.	Driver.
Thomas F. Sexton	41	7 yrs. 6 mos	Enginem'n	1309 Light st	Machinist.
John I. Cranford	26	2 yrs. 9 mos	Ass't Eng.	1408 E. Fort ave	"
Hunter S. Shettle	43	3 yrs. 7 mos	Hostler	115 W. Clement st	Hostler.
John F. Pons	37	3 yrs. 1 mo.	Pipeman	412 Falsom st	Carpenter.
Henry Ludwig	45	4 years	"	865 Ramsay st	Boxmaker.
James Catterton	46	9 "	"	1460 William st	Painter.
Casper Kraft	35	3 "	"	1301 Riverside ave	Shoemaker.
John Moeller	28	2 yrs. 1 mo.	"	1431 Haubert st	Packer.
Benjamin V. Beyer	31	5 years	"	1431 Hull st	Laborer.
George J. Belzner	24	1 yr. 6 mos	"	251 S. Broadway	Packer.

ENGINE COMPANY No. 18.

Twenty-first Street, Between Maryland Avenue and Oak Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Frederick Branan	47	16 years	Captain	324 W. Twenty-first st	Harnessmaker.
William H. Quincy	40	2 yrs. 9mos	Lieutenant	2426 Crystal ave.	Stonecutter.
Thomas S. Brown	36	9 years.	Enginem'n	2406 Maryland ave.	Machinist.
Elijah J. B. Moore	32	8 months.	Ass't Eng.	1306 Valley st.	Machinist.
John W. Potts	38	7 years	Hostler	3 Cottage ave.	Driver.
Robert H. Blatchley	25	2 yrs. 9mos	Pipeman	2100 Jefferson pl.	Coachpainter.
Michael J. Griffen	33	2yrs.10mos	"	314 W. Twenty-first st	Hostler.
Andrew J. McCormick	36	5 years.	"	2728 Huntingdon ave.	Cardriver.
Henry V. Moller	29	2 yrs. 9mos	"	2003 Oak st.	Gripman.
William C. McKenna	33	1 yr. 5 mos.	"	444W.Twenty-third st	Tinner.
William J. McDonald	28	8 months.	"	444W.Twenty-third st	Canmaker.
Thomas H. Sutton	25	11 months	"	451 E.Twenty-third st	Motorman.

ENGINE COMPANY No. 19.

North Avenue and Bond Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Benjamin Price	51	16 yrs. 8 mo	Captain	1610 E. Townsend st.	Coffee roaster.
George E. Croucher	33	8 years	Lieutenant	1631 E. Townsend st.	Canmaker.
John N. Bletzer	32	7 "	Enginem'n	722 S. Bond st.	Machinist.
Jacob S. Corns	42	15 "	Ass't Eng.	1812 N. Broadway	"
Michael J. Farley	33	6 "	Hostler	1816 N. Bond st.	Car driver.
John F. Maguire	27	2 yrs. 9 mos	Pipeman	1618 N. Wolfe st.	Shipping clerk.
Nicholas Barrett	29	6 months	"	519 N. Exeter st.	Horseshoer.
Charles C. Neilson	42	17 years	"	1622 N. Wolfe st.	Bricklayer.
Harry F. Bodge	37	3 yrs. 6 mos	"	1708 Hopkins ave.	Hard wood fin'r
John W. Schaffer	29	2 " 11 mo	"	514 Fourth st.	Moulder.
John E. Wallace	31	4 " 6 "	"	1718 E. Madison st.	Painter.
James Hart	39	6 years.	"	122 Old York rd.	Carpenter.

HOOK AND LADDER COMPANY No. 1.

Located on Harrison Street, Near Fayette Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
E. Louis Shipley.....	35	4 yrs.6 mos	Captain...	1819 Druid Hill ave..	Shoemaker.
Thomas Kerr.....	32	6 years. ..	Lieutenant	407 N. High st.....	Clerk.
George W. Haskell	50	19 "	Tillerman.	912 E. Lombard st...	Carpenter.
Andrew J. Orr.....	25	2 yrs.4 mos	Ass't Till'n	1429 Block st.....	Stoker.
John F. Mulligan.....	35	12 years ..	Hostler....	1209 E. Lexington st.	Driver.
Martin Kirby.....	50	14 "	Ladderm'n	26 Spring st.....	Trunkmaker.
Z. Taylor Seebreeze	47	5 yrs.6 mos	"	255 S. Caroline st....	Driver.
Robert B. Edwards	32	5 years ...	"	30 Albemarle st.....	Stereotyper.
Joseph H. Daly.....	43	15 "	"	126 N. Exeter st.....	Stonecutter.
James P. Lyons	24	9 months..	"	50 E. York st	Horseshoer.
John R. Herr.....	24	1 month ..	"	106 S. Washington st	Clothing Cutter.

HOOK AND LADDER COMPANY No. 2.

Located on Paca Street, Near Fayette Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
August Emrich	33	11 years	Captain	113 N. Exeter st.	Coal Dealer.
John W. Kelly	34	9 "	Lieutenant	1107 Pennsylvania av.	Driver.
John W. Blake	59	25 "	Tillerman	521 W. Lexington st.	Engineer.
Alonzo Travers	29	3 yrs 8 mos	Ass't Till'n	607 N. Monroe st.	Pilot.
Joseph Lavender	48	19 years	Hostler	771 W. Mulberry st.	Driver.
Wm. H. Stapf	28	3 yrs. 5 mos	Ladderm'n	201 W. Saratoga st.	"
Paul L. Linde	29	4 " 10 "	"	537 Dolphin st.	Canmaker.
Cooper Elliott	43	8 years	"	765 St. Peter st.	Driver.
Jas. A. Campbell	31	1 yr. 11 mos	"	503 W. Franklin st.	Stonecutter.
Henry J. Carle	25	8 mo. 15 d.	"	234 N. Howard st.	Electrotyping.
Wm. J. Watkins	33	4 " 12 "	"	705 S. Greene st.	Cotton Inspect'r

HOOK AND LADDER COMPANY No. 3.

Located on South Ann Street, Near Gough Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
George W. Foxwell	48	25 years	Captain	1911 Bank st	Shipwright.
Peter Nelson	37	6 "	Lieutenant	14 S. Ann st.	Seaman.
John N. Douns	47	25 "	Tillerman	2121 Orleans st	Painter.
John Koos	33	8 "	Ass't Till'n	1934 E. Lombard st.	Canmaker.
William Hastler	32	2 yrs. 9mos	Hostler	508 S. Wolfe st.	Driver.
John McClellan	62	25 years	Ladderm'n	1803 Fairmount ave.	Sailmaker.
James F. Reilly	43	21 "	"	1633 E. Lombard st.	Painter.
Robert R. Perry	26	3 yrs. 6mos	"	235 S. Chester st.	Ironmoulder.
Frederick Grauling	31	3 years	"	2031 Canton ave.	Laborer.
Bernhard P. Rudel	32	1 yr. 8mos.	"	2435 E. Monument st.	Candymaker.
Thomas Toal	31	9 mos. 15d.	"	2126 Canton ave.	Potter.
Joseph G. Smith	33	" "	"	1925 Fairmount ave.	Millhand.

HOOK AND LADDER COMPANY No. 4.

Located on Biddle Street, Near Druid Hill Avenue.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John F. Kelly	29	3 yrs. 9 mos	Captain	774 W. Franklin st.	Machinist.
John H. Morgan	45	23 years	Lieutenant	413 N Fremont ave.	Paperhanger.
John Kurne	36	9 "	Tillerman	415 W. Hoffman st.	Shoemaker.
George F. Kennard	28	4 yrs. 4 mos	Ass't Till'n	535 Mosher st.	Clerk.
Malcolm W. Jordan	26	3 " 5 "	Hostler	502 W. Biddle st.	Driver.
John G. Gill	65	35 years	Ladderm'n	631 W. Fayette st.	Painter.
George E. Gill	37	5 "	"	636 Clinton ave.	"
Charles Sapp	34	2 yrs. 11 mo	"	1439 N. Fulton ave.	Laborer.
William C. Conner	30	10 months.	"	1336 Presstman st.	Glass worker.
Joseph Neubert	44	10 "	"	1314 Garrett ave.	Electrician.
Samuel A. Seymour	35	10 years.	"	609 E. Fort ave.	Canmaker.
Henry G. Lappe	30	1mo. 10 das	"	1014 N. Washington.	Cigar packer.

HOOK AND LADDER COMPANY No. 5.

Located on Aisquith Street, Near Oliver Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Wm. H. Hartman	37	13 years	Captain	1503 Aisquith st.	Plumber.
Lawrence Blake	49	24 "	Lieutenant	1543 " "	Painter.
Wm. I. Johns	37	8 "	Tillerman	1430 Lanvale st.	Bricklayer.
Peter B. Mullen	36	5 "	Ass't Till'n	1332 Hillman st.	Painter.
Wm. Quinn	46	8 "	Hostler	1303 N. Eden st.	Driver.
Wm. Wiley	53	8 "	Ladderm'n	1308 Harford ave.	Cigarmaker.
How. E. Curry	46	4 "	"	929 E. Preston st.	Driver.
Amos G. Bramble	27	9 months	"	1446 Aisquith st.	"
Robt. L. King	23	9 "	"	223 N. Eden st.	Canmaker.
Elias J. Kipp	42	6 years	"	930 N. Washington st.	Carpenter.
Wm H. Cullen	38	5 "	"	903 E. Hoffman st.	Butcher.
James McCarron	24	9 months	"	39 N. Eden st.	Potter.

HOOK AND LADDER COMPANY No. 6.

Located on Hanover Street, Corner Ostend Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Thomas D. O'Keefe	30	8 years	Captain.	1343 S. Charles st.	Driver.
Frederick G. Beck	40	6 "	Lieutenant	1109 S. Sharp st.	Photographer.
James Gill	50	16 "	Tillerman.	8 E. West st	Moulder.
Antone Kemp	46	8 "	Ass't Till'n	1303 Patapsco st.	Driver.
George D. Taylor	62	26 "	Hostler	1502 Hanover st.	Hostler.
Daniel Vogelgesang	38	6 "	Ladderm'n	1425 Covington st.	Canmaker.
William H. Lalotte	29	5 "	"	1130 Hanover st.	"
Louis Matthaei	31	4 "	"	1336 " "	Cooper.
Henry Toepfer	28	3 "	"	1415 " "	Baker.
William L. Dailey	29	3 "	"	1743 S. Charles st.	Driver.
William Leonard	40	2 "	"	33 W. Cross st.	Laborer.
Charles F. Fay	38	3 "	"	21 E. Ostend st.	"

HOOK AND LADDER COMPANY No. 10.

Located on Lafayette Avenue, Between Stricker and Gilmor Streets.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Thomas Montgomery	54	25 years	Captain	121 N. Paca st.	Driver.
William G. Meushaw	44	9 "	Lieutenant	1021 N. Calhoun st.	Mariner.
William F. Beall	35	9 "	Tillerman	1316 Riggs ave.	Canmaker.
John L. Emerson	27	4 "	Ass't Till'n	825 N. Calhoun st.	Painter.
Thomas H. Wright	41	11 "	Hostler	1608 W. Mulberry st.	Driver.
John F. Schaefer	58	7 yrs. 7mos	Ladderm'n	719 W. Baltimore st.	Chinapacker.
John Sullivan	32	5 years	"	836 Ensor st.	Painter.
George Thompson	33	3 yrs. 8mos	"	1426 Mosher st.	Strawhatmaker.
Frederick W. Viehmyer	35	2 yrs. 8mos	"	660 W. Mulberry st.	Driver.
Edward Meinetzberger	36	2yrs.11mos	"	549 Lafayette ave.	Goldbeater.
James B. Kelley	37	9 years	"	825 N. Calhoun st.	Driver.
John M. Gilleland	28	8 months	"	589 Baker st.	"

CHEMICAL COMPANY No. 1.

Brunswick Street Near Frederick Road.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Edward W. Steinacher.	35	7 yrs.6 mos	Captain...	5 Brunswick st.....	Hostler.
John A. Epp.....	33	2 yrs.10 mo	Hostler...	434 Frederick ave....	Cabinetmaker.
Antone Yienger.....	30	6 yrs.6 mos	Pipeman..	114 Millington ave...	Candymaker.

CHEMICAL COMPANY No. 2.

Mary Street Near Retreat Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
James H. Merrick.....	55	7 yrs.7 mos	Captain...	2546 Mary st.....	Car driver.
James K. Merrikin.....	34	7 yrs.5 mos	Hostler...	2623 Frances st.....	Driver.
Christian Freyee.....	37	2 yrs.8 mos	Pipeman..	2013 Walbrook ave..	Blacksmith.

CHEMICAL COMPANY No. 3.

Located at No. 8 Engine House, Twenty-first Street Near Oak Street.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
James A. Clark	31	4 yrs. 4 mos	Captain	320 W. Twenty-first st	Car driver.
Charles E. Brown	27	2 " 2 "	Hostler	314 W. Twenty-first st	Laborer.
Charles M. Johannes	29	11 months.	Pipeman	2034 Jefferson pl.	Stonecutter.

CHEMICAL COMPANY No. 4.

Waverly.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
William N. Taylor	54	7 years	Captain	3108 York rd.	Conveyancer.
William Lamb	33	1 yr. 4 mos.	Hostler	156 Old York rd.	Car driver.
Joseph J. Poat	34	9 months.	Pipeman	118 Old York rd.	Painter.
John R. Miller	25	9 "	Pipeman	617 Jefferson st.	Carpenter.

CHEMICAL COMPANY No. 5.

Homestead.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Samuel R. Watkins	41	5 years	Captain	No. 3 Polk st.	Sailmaker.
Henry J. Linck	43	10 months	Pipeman	Jenkin's lane	Butcher.
Robert P. McFarland	29	7 years	Hostler	No. 50 Gorsuch ave.	Car driver.

CHEMICAL COMPANY No. 6.

Belair Avenue.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John A. McKew	28	2 yrs. 7 mos	Captain	1709 E. Madison st.	Machinist.
Frank Doerer	30	9 months	Hostler	1419 N. Chester st.	Driver.
Zachariah Foote	31	3 yrs. 10 mo	Pipeman	68 Belair ave	Moulder.

CHEMICAL COMPANY No. 7.

Roland and Third Avenues, Hampden.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
James J. Reynolds	37	6 years	Captain	431 Roland avenue	Car driver.
James L. Clarken	37	7 "	Hostler	226 Hickery ave	Driver.
John L. Thomas	27	3 yrs. 6 mos	Pipeman	295 Chestnut ave	Blacksmith.

HOOK AND LADDER COMPANY No. 7.

Waverly.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
Joseph J. Presley	37	1 yr. 10 mos	Hostler	420 Waverly ave	Car driver.

HOOK AND LADDER COMPANY No. 8.

Brunswick Street Near Frederick Road.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
John L. Durham.....	32	6 yrs. 7 mos	Hostler....	109 Millington ave...	Driver.

HOOK AND LADDER COMPANY No. 9.

Roland and Third Avenues, Hampden.

Name.	Age.	Time of Service.	Position.	Residence.	Former Occupation.
George U. McFadden...	27	3 yrs. 7 mos	Hostler...	724 Third ave.....	Carpenter.

FIRE RECORD.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
January.										
Tuesday 1	451	12 37½	.....	1320 Edmondson avenue.	Fanny Clemm.	Dwelling.	.....	.....	Three-story brick	Loss, $193.90. Recall 12.47 a.m.; lighted candle set fire to Christmas tree.
Tuesday 1	214	12.51	.....	1017 E. Baltimore street.	German Branch Y. M. C. A.	Meeting rooms.	3, 6	1	Three-story brick	Loss, $172.36. Recall 2.24 a.m.; unknown.
Tuesday 1	27	.....	12.54	.....	.....	.....	.....	.....	.....	Loss, none. Recall 1.15 p.m.; unknown; false alarm
Tuesday 1	315	.....	5.19	104 W. Monument street.	H. Irwin Keyser.	Dwelling.	7	4	Three-story brick	Loss, $727.57. Recall 5.28 p.m.; lighted gas jet against curtain.
Tuesday 1	436	.....	5.36	Lombard and Paca streets.	John Charles and others.	Tenement.	.....	2	Four-story brick.	Loss, $40.00. Recall 5.47 p.m.; explosion of gasoline stove.
Tuesday 1	399	.....	8.17	330 Sycamore ave., Annex.	G. W. Fisher.	Dwelling.	.....	.....	Two-story brick.	Loss, $10.00. Recall 8.41 p.m.; lighted candle set fire to Christmas tree.
Wedn'y 2	451	10.17	.....	511 N. Calhoun st.	J. W. Lee.	Dwelling.	8, 13, 14	4	Three-story brick	Loss, $530.00. Recall 11.43 a.m.; unknown.

Wedn'y	2	535	.....	7.05	1111 S. Carey st.	Conrad Strube.	Dwelling.	.....	.....	Two-story brick.	Loss, $26.00. Recall 7.17 p.m.; lighted candle set fire to Christmas tree.
Wedn'y	2	262	.....	7.43½	1702 E. Biddle st.	Jos. K. T. White.	Provision store and dwelling.	.....	5	Three-story brick	Loss, $25.70. Recall 7.59 p. m.; defective hot-air pipe.
Wedn'y	2	153	.....	8.41	409 S. Caroline st.	Eliz'b'th Schmidt	Cigar store and dwelling.	3, 5	3	Three-story brick	Loss, $275.00. Recall 9.24 p.m.; explosion of coal oil lamp.
Thurs'y 2d alarm.	3	187	.....	10.53 1115½	605 Luzerne st. 607 Luzerne st.	Chas. Treusch. Louis Bamberger.	Fruit packing-house. Tenement.	3, 5 9, 11	3	Three-story brick	Loss, $1,159.47. Recall 2.12 a. m., 4th; unknown.
Friday	4	399	.....	8.19½	103 Baldwin street, Annex.	George Weisner.	Dwelling.	.....	9	Two-story and attic frame.	Loss, none. Recall 9.04 p.m.; burning chimney.
Friday	4	361	.....	9.16½	300 Pearl street.	George Larringer	Saloon and dwelling.	1	2	Two-story and attic brick.	Loss, $40.00. Recall 9.25 p.m.; overheated stove-pipe.
Satur'y	5	39	.....	8.07	Pennsylvania ave., near Cumberland street.	Baltimore City Passenger Railway Company.	Stable.	13 Chem. 2	4	One-story frame.	Loss, $20.00. Recall 8.25 p.m.; unknown.
Satur'y	5	39	.....	10.32	Pennsylvania and Fulton avenues.	William Flagg.	Carpenter shop	13 Chem. 2	4	One-story frame.	Loss, $555.85. Recall 11.56 p.m.; unknown.
Sunday	6	21	3.07	.....	325 N. Gay street.	N. Lieberman.	Clothing store and dwelling	4, 6 Chem. 15	1	Three-story brick	Loss, $2,189.50. Recall 3.23 p.m.; unknown.
Monday	7	352	5.18	.....	125 W. Lafayette avenue.	Henry Moale.	Dwelling.	18	4	Three-story brick	Loss, $837.50. Recall 6.37 a.m.; unknown.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Monday 7	61	7.52	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 7.57 a.m.; smoke from windows.
Monday 7	473	.....	12.19	502 N. Gilmor st.	Jesse Dixon.	Dwelling.	8, 13, 14	4	Three-story brick	Loss, $236.00. Recall 12.54 p.m.; unknown.
Monday 7	348	.....	2.48¼	1522 Latrobe street.	Susan Russ.	Dwelling.	.....	5	Two-story brick.	Loss, $20.00. Recall 3.09 p.m.; children playing with matches.
Monday 7	383	.....	7.35	2016 Division st.	John T. Roberts.	Dwelling.	13	4	Two-story brick.	Loss, $265.00. Recall 8.03 p.m.; unknown.
Wedn'y 9	143	7.36	.....	1016 Stiles street.	Abraham Rosenfeld.	Tailor shop and tenement	3	.....	Three-story brick	Loss, $52.75. Recall 7.58½ a.m.; explosion of gasoline stove.
Friday 11	365	.....	1.51	1104 Penna. ave.	Charles Daniels.	Oyster saloon and dwelling	.....	4	Two-story brick.	Loss, $28.00. Recall 1.58 p.m.; explosion of gasoline stove.
Friday 11	535	.....	8.39½	1444 Ward street.	Stephen Chambers.	Dwelling.	10	.....	Two-story brick.	Loss, $49.44. Recall 9.15 p.m.; mice nibbling matches.
Satur'y 12	272	9.17	.....	1915 Horn street.	John Smallwood.	Dwelling.	.....	5	Two-story brick.	Loss, $12.50. Recall 9.31 a.m.; children playing with matches.

Satur'y	12	428	.....	5.00½	202 N. Amity st.	Walter Ruckle.	Dwelling.	8		.....	Two-story brick. Loss, $20.00. Recall 5.05 p.m.; upsetting coal oil lamp.
Sunday	13	12	11.46	.....	410 Water street.	Wm. H. Fowler and others.	Office building.	3, 4, 6. Chem. 15	1		Three-story brick Loss, $88.00. Recall 12.56 p.m.; overheated stove-pipe.
Monday	14	292	2.56	.....	411–413 Colvin ave. Annex.	J. W. Arnold, E. Luckey.	Dwelling.	18 Chem. 3, 4, 5	7		Two-story frame. Loss, $1,643.82. Recall 7.52 a.m.; overheated stove.
Monday	14	153	.....	7.15½	1507 Eastern ave.	Sarah Rotwansky.	Saloon & lodging-house.	3, 5, 11	3		Two-story and attic brick. Loss, $59.35. Recall 7.36 p.m.; smoking pipe in bed.
Monday	14	291	.....	11.40	Huntingdon ave., near Barclay st.	Balto. Baseball & Exhibition Co.	Grand stand.	7, 18 Chem. 3, 4, 5, 6	5		Two-story frame. Loss, $7,119.86. Recall 3.15 p.m.; incendiary.
Tuesd'y	15	34	1209½	.....	1112 Cathedral st.	Geo. Haush, Jr.	Carriage factory.	.....	4		Three-story brick Loss, $22.80. Recall 12.23 a.m.; fire dropping in open grate.
Tuesd'y 2d alarm.	15	341	4.15 4.35	.....	13 E. Biddle street.	Thos. Whitridge.	Dwelling.	7	4		Four-story brick and stone. Loss, $5,175.37. Recall 7.46 a.m.; overheated furnace pipe; Mr. and Mrs. Thos. Whitridge killed by falling from a ladder.
Tuesd'y	15	336	.....	6.21½	322 N. Howard st.	John H. A. Lane.	Antique furniture factory.	7	2		Three-story attic brick. Loss, $15.00. Recall 6.30 p.m.; lighted match thrown on bench.
Thurs'y	17	364	2.07	.....	592 W. Biddle st.	Minnie Reum.	Grocery store and dwelling	.....	4		Three-story brick Loss, $115.00. Recall 2.15 a.m.; unknown

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Thurs'y 17	485	.....	6.07¼	932 Frederick avenue, Annex.	August W. Stiefel	Tin & plumbing shop.	14 Chem. 1	8	One-story frame.	Loss, $619.00. Recall 8.17 p.m.; unknown A. W. Stiefel burned to death.
Friday 18	6	.....	8.46	.....	.....	.....	.....	.....	.....	Loss, none. Recall 8.54½ p.m.; light from windows.
Monday 21	215	.....	1.38½	206 Chesnut st.	James Jones.	Dwelling.	6	1	Two-story and attic brick.	Loss, $31.00. Recall 1.48 p.m.; unknown
Friday 25	5	.....	1006½	119 and 121 E. Baltimore street.	Otto Sutro & Co.	Music store and music hall.	4	1	Five-story brick.	Loss, $125.78. Recall 10.13 p.m.; electric light wire.
Satur'y 26	392	.....	5.57½	811 Remington avenue, Annex.	S. Thompson.	Dwelling.	.....	9	Three-story brick	Loss, none. Recall 6.46½ p.m.; burning chimney.
Monday 28	254	.....	12.16	400 E. Lanvale st.	James Baer.	Dwelling.	.....	5	Three-story brick	Loss, $23.00. Recall 12.35 p.m.; children playing with matches.
Tuesd'y 29	242	9.54	.....	705 Forrest street.	Philip Endlich.	Dwelling.	4, 6	5	Two-story brick.	Loss, $430.19. Recall 10.41 a.m.; spontaneous combustion.
Tuesd'y 29	532	10.49	.....	Barre and Warner streets.	City of Baltimore	Male Grammar School No. 12	2	6	Two-story brick.	Loss, $20.00. Recall 11.27 a.m.; defective flue.

Wedn'y	30	161	.....	4.19½	1903 Canton ave.	Stephen Kopswiski.	Tenement.	.....	3	Three-story brick	Loss, $34.50. Recall 4.26 p.m.; overheated stove.
Thurs'y	31	24	9.26	.....	308 N. Gay street.	Donald Waters.	Shooting gallery.	6	1	Two-story and attic brick.	Loss, $58.00. Recall 9.32 a.m.; lighted match set fire to curtain.
Thurs'y	31	349	.....	7.16	2419 Hudson Place, Annex.	Rebecca Green.	Dwelling.	Chem. 3	5	Two-story brick.	Loss, $120.00. Recall 8.24 p.m.; unknown
February.											
Friday	1	5	.....	7.29¾	Baltimore and Calvert streets.	Western Union Telegraph Co.	Office building.	.....	1	Four-story brick.	Loss, $118.50. Recall 7.43 p.m.; overheated steam-pipe.
Saturday	2	142	.....	12.44	1218 Bank street.	Frank B. Bohager.	Junk shop.	3	3	Two-story brick.	Loss, $20.00. Recall 12.53 p.m.; overheated stove.
Saturday	2	391	.....	11.20½	2812 Pennsylvania ave., Annex.	Charles W. Street	Smoke-house.	Chem. 2	.....	Two-story brick.	Loss, $15.00. Recall 11.46 p.m.; unknown.
Sunday	3	527	12.14	.....	314 W. Camden st.	Eugene T. Joyce.	Restaurant and dwelling.	.....	2	Four-story brick.	Loss, none. Recall 12.24 a.m.; burning chimney.
Monday	4	299	7.26	.....	2206 Maryland ave. Annex.	W. I. Hopkins.	Dwelling.	7, 18 Chem. 3	5	Three-story brick	Loss, $1,627.68. Recall 10.25 a.m.; bursting of waterback in range.
Monday	4	15	.....	3.12	.....	.....	.....	.....	.....	.....	Loss, none. Recall 3.21 p.m.; false alarm.
Monday	4	328	.....	7.41½	428 Mosher street.	Chas. H. Elkins.	Provision store & dwelling.	13	4	Three-story brick	Loss, $60.00. Recall 7.53 p.m.; fire dropping through hearth.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Tuesday 5	541	.....	4.12	940 S. Eutaw street.	Theodore Leimbach.	Grocery store & dwelling.	2	6	Three-story brick	Loss, $302.90. Recall 5.26 p.m.; sparks from stovepipe hole
Tuesday 5	425	.....	9.36½	923 to 931 W. Baltimore street.	John D. Mooney.	Shoe store and dwelling.	1, 8	2	Two-story & attic brick.	Loss, $45.00. Recall 9.49 p.m.; defective flue.
Wedn'y 6	512	8.34	.....	21 E. Lombard st.	J. Bolgiano & Son.	Seed warehouse.	.....	.....	Four-story brick.	Loss, none. Recall 8.44 a.m.; thawing water-pipe.
Wedn'y 6	418	8.41	.....	217 N. Howard st.	Aaron Brag.	Furniture warerooms.	1, 2, 3, 4, 6, 7, 8.	1, 2	Five-story brick.	Loss, $22,616.89. Recall 9.15 p.m.; thawing water-pipe
2d alarm.		8.45½					10, 13, 15, Chem. 15., W.T., S. P.	4, 6		
3d alarm.		8.50								
Wedn'y 6	346	.....	6.11½	716 Linden avenue.	Jos. L. Dorsey.	Dwelling.	18	5	Two-story brick.	Loss, $37.15. Recall 6.25 p.m.; overheated stove.
Thurs'y 7	421	10.31	.....	624 W. Lexington street.	Edith Breitenstein.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 10.46 a.m.; bursting of water-back in range.
Friday 8	381	1212½	.....	1336 N. Gilmor st.	C. T. Jones.	Drug store and dwelling.	13	.....	Three-story brick	Loss, $41.25. Recall 1.22 a.m.; defective flue.
Friday 8	335	2.20	.....	1304 Eutaw place.	Alexander Shaw.	Dwelling.	7, 13	4	Four-story brick.	Loss, $1,037.52. Recall 4.18 a.m.; overheated furnace pipe

Friday	8	526	9.27	.....	128 W. Camden st.	Henry Harum.	Grocery store and dwelling	.....	.....	Three-story brick	Loss, $40.00. Recall 9.35 a.m.; bursting of water-back in range.
Satur'y	9	383	10.52	.....	2107 Division st.	F. J. McLane.	Dwelling.	13	.....	Three-story brick	Loss, $55.00. Recall 11.30 a.m.; sparks from stove-pipe hole.
Satur'y	9	341	.....	1.52½	1202 N. Charles st.	Wm. Painter.	Dwelling.	7, 18	4	Four-story brick.	Loss, $3,370.00. Recall 5.34 p.m.; defective flue.
Satur'y	9	416	.....	7.46½	18 S. Greene street.	Fred. Woodruff.	Tenement.	15 Chem. 15	2	Three-story and attic brick.	Loss, $218.99. Recall 7.59 p.m.; explosion of gasoline stove. Henry Sanderson, Chas. Griffith and wife and child rescued by Dist. Engr. Wm. A. Larkins & members of No. 2 H. & L. Co.
Satur'y	9	24	.....	9.50¼	323 Rogers avenue.	Annie Hixley.	Grocery store and dwelling	6	.....	Three-story brick	Loss, $69.45. Recall 9.55 p.m.; thawing water-pipes.
Sunday	10	44	12.58	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 1.11½ a.m.; light from windows.
Sunday	10	163	....	1.09	2108 E. Baltimore street.	Levin W. Phillips.	Dwelling.	.....	3	Three-story brick	Loss, $162.50. Recall 1.28 p.m.; heat from coal-oil stove.
Sunday	10	471	.....	8.05	310 Selma place.	Wm. Clarke.	Dwelling.	.....	.....	Two-story brick.	Loss, $65.60. Recall 8.21 p.m.; explosion of coal-oil lamp.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A. M.	Hour P. M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Monday 11	319	2.00½	.....	708 St. Paul street.	Robert F. Brent.	Dwelling.	.....	.....	Four-story brick.	Loss, $80.00. Recall 2.13 a.m.; mice nibbling matches.
Monday 11	221	10.40	.....	Holliday near Saratoga street.	The Henry McShane Co.	Tar shed.	.....	.....	One-story frame.	Loss, none. Recall 10.46 a.m.; sparks from furnace.
Wedn'y 13 2d alarm.	391	7.06 7.16	.....	Mary and Retreat streets, Annex.	Chas. J. Meister.	Cold storage warehouse.	7, 8, 13, 18 Chem. 2	2, 4	Two-story frame.	Loss, $3,180.00. Recall 10.59½ a.m.; lighted candle near woodwork.
Thurs'y 14	522	.....	2.55½	Piers 9 and 9½ Light street wharf.	Weems Steamboat Co.	Steamboat Potomac.	2, 4, 16 Chem. 15	1	Side-wheel steamboat.	Loss, $529.20. Recall 4.28 p.m.; unknown
Friday 15	6	10.33	.....	109 and 111 Cheapside.	Chas. F. Habighurst & Co.	Oil storehouse.	3, 4, 15 Chem. 15.	1, 2	Four-story brick.	Loss, $40.00. Recall 11.45½ a.m.; thawing water-pipes.
Friday 15	153	.....	3.09	601 S. Bond street.	George Welzant.	Saloon and tenement.	.....	.....	Three-story brick	Loss, $11.00. Recall 3.18 p.m.; children playing with matches.
Satur'y 16	361	9.43½	.....	626 W. Saratoga st.	Elizabeth Stallings.	Dwelling.	1	2	Two-story and attic brick.	Loss, $31.25. Recall 9.50 a.m.; unknown
Satur'y 16	238	.....	5.36¾	916 N. Bond street.	Wm. Doyle.	Dwelling.	.....	.....	Three-story brick	Loss, $5.00. Recall 6.09 p.m.; explosion of gasoline stove.
Satur'y 16	332	.....	6.03¾	Orchard street near Madison avenue.	St. Mary the Virgin P. E. Ch.	Church.	1, 7	4	Two-story stone.	Loss, $33.27. Recall 6.41 p.m.; overheated furnace-pipe

Satur'y	16	61	.....	6.27¾	Pier 18 wharf.	Light street	York River Line.	Steamship Baltimore.	2	.....	Screw steamship. Loss, none. Recall 6.39 p.m.; sparks from forge.
Satur'y	16	525	.....	7.46	121 W. Pratt street.	George S. Fuerst.	Feed store and cigar-box factory.	2, 15 Chem. 15	2, 6	Four-story brick. Loss, $628.86. Recall 9.13 p.m.; unknown
Monday	18	323	.....	3.13	541 W. Lanvale st.	Calipurnian Club	Club-house.	7, 13	4	Three-story brick Loss, $168.00. Recall 4.47 p.m.; incendiary.
Monday	18	294	.....	11 32½	Jenkins lane near Belt Line R. R., Annex.	Unoccupied.	Barn.	Chem. 4	5	Two-story stone. Loss, $20.00. Recall 12.06 a.m., 19th; children playing with fire.
Wedn'y	20	348	.....	2.35¼	1504 Barclay street.	J. P. Lyston.	Dwelling.	Chem. 2	5	Two-story brick. Loss, $390.10. Recall 3.53 p.m.; defective flue.
Wedn'y	20	221	.....	10.08	218 N. Holliday st.	David Unverzagt.	Incubator store & cigar-box factory.	3, 4, 6, 9	1, 2	Three-story brick Loss, $2,208.56. Recall 12.29 a.m., 21st; unknown.
Thurs'y	21	394	1237½	.....	513 Oliver place, Annex.	D. C. Smart.	Dwelling.	Chem. 7	.....	Two-story frame. Loss, $130.75. Recall 1.31 a.m.; clothes blowing against stove.
Thurs'y	21	4	.....	3.55¾	201 E. Baltimore st.	Balto. Evening News Co.	Newspaper and printing office.	4	1	Five-story frame. Loss, none. Recall 4.05 p.m.; unknown
Thurs'y	21	36	.....	5.20¾	631 Smith street.	Mrs. Elizabeth Lancaster.	Dwelling.	13	4	Two-story frame. Loss, $291.50. Recall 6.27 p.m.; unknown
Friday	22	45	.....	10 23½	800 W. Baltimore st.	Wilhelmina Benesch.	Dwelling.	.....	2	Three-story brick Loss, none. Recall 10.30 p.m.; sparks from stove-pipe.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Satur'y	23	41	4.24	11 N. Charles st.	Singer Mfg. Co., Sanders & Stayman.	Sewing machine rooms, piano warerooms.	4 Chem. 15	1, 2	Five-story brick and iron.	Loss, $809.96. Recall 6.01 a.m.; unknown
Satur'y	23	214	1.52¾	121 Chesnut st.	Adeline Jarvis.	Dwelling.	3, 6	1	Two-story and attic brick.	Loss, $29.01. Recall 2.02 p.m.; sparks from chimney.
Satur'y	23	624	8.09½	1235–1237 S. Sharp street.	American Steel Buckle and Catch-on Clasp Company.	Buckle & clasp factory.	1, 2, 4, 7, 10, 12, 15	2, 6	One-story brick.	Loss, $22,458.15. Recall 12.05 a.m. 24th; unknown.
2d alarm.			8.13¼				Chem. 15			
Satur'y	23	294	9.20	Jenkin's lane, near Belt Line R. R., Annex.	Unoccupied.	Barn.	18 Chem. 5	4	Two-story stone.	Loss, $850.00. Recall 11.24½ p.m.; set on fire by boys.
Satur'y	23	295	9.25	Annex.	.....	.....	.....	.....	.....	Loss, none. Recall 9.48 p.m.; box pulled for preceding fire.
Satur'y	23	353	11.51	North avenue and McMechen st.	Balto. Traction Co.	Car barn.	1, 7, 8, 13, 15	2, 5	Two-story brick and frame.	Loss, $18,008.11. Recall 5.29 a.m.; unknown.
2d alarm.			11.57				Chem. 3			
Sunday	24	422	9.51½	226 W. Fayette st.	Wm. Queitsch.	Restaurant and dwelling.	1 Chem. 15	1	Two-story and attic brick and frame.	Loss, $517.65. Recall 10.00 a.m.; explosion of gasoline stove.

Sunday	24	164	.....	7.33	405 S. Castle street.	Wm. R. Beatty.	Stable.	.....	.....	Two-story brick.	Loss, $179.00. Recall 8.16 p.m.; explosion of coal-oil stove.
Tuesd'y	26	48 1136½	.....	9	Frederick ave., Annex.	Wm. H. Wackerhausen.	Dwelling.	14	.....	Three-story brick	Loss, $62.88. Recall 11.51½ a.m.; sparks from hearth.
Tuesd'y	26	153	.....	1029¼	513 S. Caroline st.	Carrie Miller.	Saloon and dwelling.	3, 5, 11	3	Three-story brick	Loss, $193.50. Recall 10.46 p.m.; incendiary.
Tuesd'y	26	153	.....	1159¾	513 S. Caroline st.	Carrie Miller.	Saloon and dwelling.	.....	.....	Three-story brick	Loss, ——— Recall 12.13 a.m., 27th; incendiary.
Wedn'y	27	292	6.04	.....	1111 York road. 1113 Yord road, Annex.	Henry Peters. James O'Brien.	Dwellings.	18 Chem. 3, 4, 5	7	Two-story frame.	Loss, $550.00. Recall 7.22 a.m.; spontaneous combustion.
Wedn'y	27	242	.....	7.24	622 and 624 Forrest street.	Dilworth Bros.	Junk and paper store.	4, 6	5	Two-story and attic brick.	Loss, $280.00. Recall 9.07 p.m.; unknown.
Wedn'y	27	484	.....	8.06¾	Brunswick street and Frederick ave., Annex.	Conrad Kapraun.	Blacksmith shop.	14 Chem. 1	8	One-story frame.	Loss, $40.00. Recall 8.45 p.m.; incendiary.
Thurs'y	28	336	1.35	.....	403 N. Tyson st.	Letcher K. Jeter.	Grocery store and dwelling	1, 7 Chem. 15	4	Three-story brick	Loss, $198.60. Recall 1.47 a.m.; unknown
Thurs'y	28	426	.....	7.48¼	41 S. Arlington ave.	J. W. Jennings.	Upholstering store and dwelling.	8, 14	2	Three-story brick	Loss, $275.00. Recall 8.25¼ p.m.; unknown.
March.											
Friday	1	313	.....	8.10	N. E. cor. Charles and Franklin sts.	Athanæum Club.	Club-house.	1, 4, 7	4	Three-story brick	Loss, $10.00. Recall 9.02 p.m.; lighted match thrown in rubbish.
Monday	4	418	.....	12.05	240 N. Howard st.	Elijah H. Cole.	Hotel.	1	2	Three-story and attic brick.	Loss, none. Recall 12.15 p.m.; lighted match thrown in rubbish.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Monday	4 371	.....	2.35¾	835 N. Gilmor st.	C. W. Freeman.	Dwelling.	8, 13	4	Three-story brick	Loss, $258.78. Recall 3.36 p.m.; unknown.
Monday	4 266	.....	4.46¾	1305 McElderry st.	George Walters.	Dwelling.	.....	5	Two-story and attic brick.	Loss, none. Recall 4.51 p.m.; burning chimney.
Monday	4 317	.....	9.01	605 St. Paul street.	F. R. Burroughs.	Dwelling.	4	4	Three-story brick	Loss, $202.98. Recall 9.13½ p.m.; lighted gas jet against curtain.
Tuesday	5 318	.....	1007½	10 W. Saratoga st.	The Jos. C. Harrison Decorative Co.	Wall-paper & tapestry store	1, 4, 7 Chem. 15	2	Five-story brick.	Loss, $5,765.00. Recall 11.22 p.m.; unknown.
Thurs'y	7 483	....	3.02½	54 Garrison lane, Annex.	August Beck.	Brewery.	Chem. 1	.....	Two-story brick and frame.	Loss, none. Recall 3.39 p.m.; overheated furnace.
Thurs'y	7 393	.....	6.01½	832 Second street, Annex.	Harry Coles.	Dwelling.	.....	.....	Three-story brick	Loss, $17.50. Recall 6.10 p.m.; lighted match dropped on floor.
Thurs'y	7 54	.....	7.06	113 W. Montgomery street.	Catherine Crous.	Dwelling.	.....	.....	Two-story brick.	Loss, $5.00. Recall 7.12 p.m.; explosion of gasoline stove.
Friday	8 155	1.02	.....	212 S. Caroline st.	Patrick J. Butler.	Stable.	5	3	One-story frame.	Loss, $325.00. Recall 2.10 a.m.; unknown
Friday	8 26	5.44	. ...	1305 E. Madison st.	Otto Schuster.	Dwelling. 510	6, 9	5	Two-story and attic brick.	Loss, $195.00. Recall 5.58 a.m.; unknown

Saturday	9	243	10.04	.....	712 Stirling street.	C. F. Haines.	Dwelling.	4, 6	5	Two-story and attic brick.	Loss, $135.00. Recall 10.20 a.m.; overheated stove.
Sunday	10	18	2.30	.....	2839 O'Donnell st.	Jacob Peipert.	Saloon and dwelling.	5, 11	3	Three-story brick	Loss, $1,625.00. Recall 3.07½ a.m.; overheated stovepipe.
Monday	11	535	.....	8.05¼	1229 Bayard street.	George Dill.	Dwelling.	10, 14	6	Two-story brick.	Loss, $447.90. Recall 9.32 p.m.; falling lamp.
Tues'y	12	421	12.12	.....	665 W. Saratoga st.	Maurice Schuman.	Spiritualist hall; toy and novelty fact'y	1, 8, 13	2	Two-story and attic brick.	Loss, $1,160.62. Recall 2.45 a.m.; unknown.
Tues'y	12	251	.....	6.19¾	1014 Wilcox street.	Matthew Flynn.	Dwelling.	6	5	Three-story brick	Loss, $154.60. Recall 6.51 p.m.; explosion of coal-oil lamp.
Tues'y	12	361	.....	6.57¾	618 W. Saratoga st.	Thomas Ray.	Dwelling.	1	2	Two-story brick.	Loss, $70.00. Recall 7.06 p.m.; unknown.
Tues'y	12	5	.....	7.25¾	119 Mercer street.	Culbertson & Sohl.	Chemical laboratory and glass works.	2, 3, 4 Chem. 15.	1, 2	Four-story brick.	Loss, $787.50. Recall 8.33 p.m.; unknown.
Wedn'y	13	367	.....	12.06	1067 Argyle ave.	Amelia Kelly.	Dwelling.	7, 8, 13	4	Two-story brick.	Loss, $317.00. Recall 1.30 p.m.; unknown.
Thurs'y	14	342	...	12.22	.....	.....	.....	.....	.....	.....	Loss, none. Recall 12.37 p.m.; false alarm.
Friday	15	616	12	34¼	..... Covington and Donaldson sts.	Joshua Horner & Son.	Guano storehouse.	12	6	Three-story brick and frame.	Loss, $20.00. Recall 1.57 a.m.; friction of machinery.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Friday 15	295	12.39	.....	Montibello ave. near York road, Annex.	Thomas Forestell	Stable and dwelling.	18 Chem. 3, 4	5	Two-story brick and frame.	Loss, $442.50. Recall 1.56 a.m.; unknown.
Friday 15	254	12.43	.....	Annex.	.....	.....	.....	.....	.....	Loss, none. Recall 1.04 a.m; box pulled for preceding fire.
Friday 15	43	.....	9.02	649 W. Pratt street.	A. G. Warther.	Upholstering establishment.	15 Chem. 15	2	Three-story brick	Loss, $568.00. Recall 10.10 p.m.; unknown.
Satur'y 16	4	4.07½	.....	133 E. Baltimore st.	Western Union Telegraph Co.	Telegraph office.	.....	1	Four-story brick.	Loss, $75.00. Recall 4.31 a.m.; electric light wire.
Sunday 17 2d alarm.	614	.....	4.49¼ 4.54¼	327 Warren ave.	George F. Jones.	Paper factory.	1, 2, 4, 7,10 12, 15, 17	2, 3 6	Three-story brick	Loss, $8,505.93. Recall 3.38 a.m.; unknown.
Monday 18	524	7.47½	.....	625 S. Charles st.	Ida Powts.	Dry goods store and dwelling	2 Chem. 15	6	Three-story brick	Loss, $417.66. Recall 8.01¼ a.m.; overheated stove.
Monday 18	18	1007¾	.....	Boston street foot of Patuxent st.	Wm. Fait & Co.	Oyster packing house.	.....	.....	Two and three-story brick.	Loss, none. Recall 10.17½ a.m.; falling smoke-stack.
Monday 18	635	10.31	.....	Hull and Clement streets.	City of Baltimore	Primary School No. 16.	17	.....	Two-story brick.	Loss, $25.00. Recall 10.53 a.m.; sparks from furnace.

Tues'y	19	41	8.48	38 E. Baltimore st.	Walter Hooper.	Shoe store.	4 Chem. 15	1, 2		Three-story brick	Loss, $4,158.03. Recall 10.10 p.m.; unknown.
Tues'y	19	64	9.51	1718 Johnson st.	Unoccupied.	Dwelling.		6		Two-story brick.	Loss, $92.18. Recall 10.48 p.m.; lighted candle left on stairs
Tues'y	19	155	11.09	254 S. Bond street.	Max Grusburg.	Grocery store and tenement.		3		Three-story brick	Loss, $73.75. Recall 11.17 p.m.; explosion of coal-oil lamp.
Wedn'y	20	218	12.43	7 N. High street.	Chas. Gebhardt.	Dwelling.	3			Three-story brick	Loss, $99.71. Recall 12.47 p.m.; grease boiling over.
Wedn'y	20	153	12.51	433 S. Dallas street.	Catherine Adler.	Dwelling.	11			Two-story and attic brick.	Loss, $3.50. Recall 1.00 p.m.; sparks from chimney.
Thurs'y	21	459	3.14½	1100 N. Stricker st.	C. E. Boyer.	Grocery store & dwelling.	13		10	Three-story brick	Loss, $111.50. Recall 3.50 a.m.; overheated stove.
Thurs'y	21	183	9.39½	804 Patuxent st.	John Fleishman.	Dwelling.	11			Two-story brick.	Loss, $5.00. Recall 9.50 a.m.; explosion of gasoline stove.
Thurs'y	21	471	1.45¾	215 N. Fulton ave.	J. F. Bradshaw.	Dwelling.	8, 13, 14		10	Three-story brick	Loss, $406.40. Recall 2.05 p.m.; unknown
Thurs'y	21	614	7.38¼	228 E. Hamburg st.	Patrick Kennedy	Iron foundry.				Three-story brick	Loss, none. Recall 7.45 p.m.; light from cupola.
Friday	22	28	1.19½	2045–2047 E. North avenue.	John S. Metzger.	Grocery store & dwelling.	9, 19		5	Two-story brick.	Loss, $227.86. Recall 2.48½ a.m.; defective flue.
Friday	22	143	12.57¾	1311 E. Pratt st.	Samuel Eidman.	Dwelling.				Three-story brick	Loss, none. Recall 1.03 p.m.; vapor of gasoline.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Friday 22	12	.....	9.03½	2–4 S. Gay street.	Thomas Mackall.	Saloon and dwelling.	.....	1	Three-story brick	Loss, $25.00. Recall 9.12 p.m.; upsetting coal-oil lamp.
Friday 22	624	.....	1054½	Plum alley and Ostend street.	B. & O. R. R.	Watch box.	2	6	One-story frame.	Loss, $75.00. Recall 11.15 p.m.; overheated stove.
Satur'y 23	545	7.42	.....	1137 Scott street.	John Stevens.	Dwelling.	.....	.....	Two-story brick.	Loss, $81.38. Recall 7.53½ a.m.; explosion of coal-oil stove.
Sunday 24	342	1.00½	.....	29 Mt. Royal ave.	Rocoe B. Heath.	Dwelling.	1, 4, 6, 7, 13, 18 Chem. 3	4, 5	Three-story brick	Loss, $4,674.24. Recall 5.05 a.m.; upsetting coal-oil lamp; Mrs. R. B. Heath badly burned and subsequently died.
Sunday 24	341	1.05½	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 1.19½ a.m.; box pulled for preceding fire.
Tues'y 26	31	6.26½	.....	113 E. Mulberry st.	John Campbell.	Dwelling.	4	1	Two-story and attic brick.	Loss, $54.95. Recall 6.36 a.m.; unknown
Tues'y 26	332	.....	7.46½	412 Orchard street.	Joseph Johnson.	Dwelling.	.....	4	Three-story brick	Loss, none. Recall 7.52 p.m.; upsetting stove.

Tuesd'y	26	171	.....	7.54¼	Foot of Chester st.	Wood & Higgins.	Tug-boat Minnie.	11, 16	3	Tug-boat.	Loss, $875.00. Recall 9.28 p.m.; overheated boiler.
Wedn'y	27	241	.....	4.34¼	413 N. High st.	J. I. Collier.	Dwelling.	6	.....	Two-story and attic brick.	Loss, $35.03. Recall 4.57 p.m.; sparks from chimney.
Wedn'y	27	177	....	8.36¼	2330 Fairmount av.	Levi A. Thompson.	Stable.	.....	3	Two-story brick.	Loss, $5.00. Recall 8.50 p.m.; unknown
Wedn'y	27	24	.....	10.57	264 Chesnut street.	Henry Tillman.	Dwelling.	6	1	Three-story brick	Loss, $101.94. Recall 11.06½ p.m.; unknown.
Thurs'y	28	57	.....	6.06½	817 and 819 S. Dallas street.	John H. Thiemeyer.	Saw-mill.	3, 5, 11, 16	3	One-story brick and frame.	Loss, $134.83. Recall 10.17½ a.m.; unknown.
Thurs'y	28	485	7.56½	.....	Annex.	.....					Loss, none. Recall 8.22½ a.m.; false alarm, crossing wires.
Thurs'y	28	426	1008½	.....	1114 W. Baltimore street.	William Auer.	Dancing academy and dwelling.	8, 14	2	Four-story brick.	Loss, $154.50. Recall 11.40 a.m.; defective flue.
Thurs'y	28	12	.....	12.40	.....						Loss, none. Recall 12.45 p.m.; false alarm, crossing wires.
Thurs'y	28	12	.....	1.26	.....						Loss, none. Recall 1.34 p.m.; false alarm; crossing wires.
Thurs'y	28	56	.....	5.36¼	1023–1025 Leadenhall street.	Leadenhall Street Baptist Church	Church.	2 Chem. 15	6	One-story brick.	Loss, $20.00. Recall 6.07 p.m.; sparks from tinner's firepot.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Thurs'y 28 2d alarm.	273	.....	11 12½ 11.36	1610–1616 N. Gay street.	George Balls and others.	Cooper shop, saloon and dwelling.	9, 19, Chem. 6	5	One-story frame, One and two-story brick.	Loss, $1,634.35. Recall 1.59 a.m. 29th; unknown.
Thurs'y 28	484	.....	11.17	Frederick rd., near Mt. Olivet Cemetery, Annex.	Leopold Pfefferkorn.	Stable.	14 Chem. 1	8	Two-story brick.	Loss, $680.00. Recall 2.53 a.m. 29th; unknown.
Friday 29 2d alarm.	48	1.29½ 1.49½	.....	50 Wilkins street.	Unoccupied.	Dwellings and stable.	8 Chem. 2	10	Three and two-story frame.	Loss, $970.00. Recall 3.38½ a.m.; incendiary.
Friday 29	332	.....	9.00	436 St. Mary street.	Unoccupied.	Dwelling.	.....	4	Three-story brick and stone.	Loss, none. Recall 9.06½ p.m.; incendiary.
Friday 29	423	.....	9.51½	729 W. Baltimore street.	Louis Reese.	China store & dwelling.	1 Chem. 15	2	Three-story brick	Loss, $255.75. Recall 10.02 p.m.; unknown.
Sunday 31	614	8.17	.....	253 E. Hamburg st.	Dora J. Wheeler.	Stable.	12	6	Two-story brick.	Loss, $15.00. Recall 8.23 a.m.; unknown
Sunday 31	519	.....	7.02	1237 Burgundy al.	Noale Tolson.	Dwelling.	.....	6	Two-story brick.	Loss, $110.00. Recall 7.52 p.m.; mice nibbling matches.
Sunday 31	12	.....	8.40½	503 E. Baltimore street.	William Hall.	Tailor shop & dwelling.	.....	.....	Three-story brick	Loss, $216.50. Recall 8.48 p.m.; children playing with matches.

April.											
Monday	1	61	.....	6.49	39 E. York street.	Charles Carey.	Dwelling.	2	.....	Two-story and attic brick.	Loss, none. Recall 7.02 p.m.; explosion of gasoline stove.
Tuesd'y	2	524	.....	5.02¾	Pier 9, Light-street wharf.	Weems Steamboat Company.	Steamboat Lancaster.	.....	.....	Side-wheel steamboat.	Loss, $75.00. Recall 5.09 p.m.; sparks from pipe.
Wedn'y	3	519	12.03	.....	1211 to 1215 Russell street.	August Pfeil.	Cooper shop.	2, 10	6	One-story brick.	Loss, $877.61. Recall 2.31½ a.m.; sparks from kiln.
Wedn'y	3	451	.....	7.53	1130 W. Franklin street.	Mary F. Scott.	Notion store and dwelling.	8	10	Three-story brick	Loss, $80.00. Recall 8.17 p.m.; children playing with matches.
Thurs'y	4	612	.....	6.18½	822 Light street.	Unoccupied.	Store and dwelling.	2	6	Three-story brick	Loss, $24.50. Recall 6.33 p.m.; sparks from tinner's fire-pot.
Thurs'y	4	543	.....	7.00¾	1227 Battery ave.	Robert Lawton.	Dwelling.	.....	.....	Three-story brick	Loss, $170.00. Recall 7.13 p.m.; lighted match among clothing.
Friday	5	323	1212½	.....	613 W. Lanvale st.	Thos. Ellsworth.	Dwelling.	13	4	Three-story brick	Loss, $48.30. Recall 12.25 a.m.; unknown.
Friday	5	528	8.15½	.....	Howard and Lee streets.	Berry, Wallis & Co.	Cement and plaster store-house.	2 Chem. 15	2, 6	Two-story brick.	Loss, $462.26. Recall 9.24 a.m.; unknown.
Friday	5	393	.....	8.01¾	125 Chestnut avenue, Annex.	C. D. Moore.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 8.14 p.m.; smoke from windows.

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Satur'y	6	246	..... 7.54	934 Aisquith street.	Charles Booth.	Dwelling.	.....	5	Two-story and attic brick.	Loss, $40.50. Recall 8.03 p.m.; unknown
Satur'y	6	236	..... 8.27	2228 E. Fayette st.	Lawrence Rigger.	Stable.	.....	3	Two-story brick.	Loss, $9.50. Recall 8.36 p.m.; lighted candle near woodwork.
Monday	8	212	4.50	5 S. High street.	Samuel Magid.	Bath-houses and tenement.	3, 4, 6	1, 2	Three-story brick	Loss, $399.10. Recall 5.54 a.m.; unknown.
Monday	8	145	..... 3.40¾	23 N. Central ave.	Christ'n Uphoff.	Dwelling.	3	3	Two-story brick.	Loss, none. Recall 3.50 p.m.; sparks from chimney.
Thurs'y	11	419	..... 6.39	202 N. Eutaw st.	Gustav Frollich.	Dry goods and notion store.	1, 7, Chem. 15	2	Three-story brick	Loss, $953.08. Recall 6.50 p.m.; overheated gas stove.
Monday	15	32	..... 7.34	339 St. Paul street.	Elizab'h Gorman	Boarding house.	1, 4, Chem. 15	2	Three-story and attic brick.	Loss, $300.00. Recall 8.00 p.m.; gas-jet igniting curtain.
Monday	15	514	..... 7.56	212 S. Eutaw street.	Schwarzschild & Sulzburger.	Provision store and tenement.	15	4	Four-story brick.	Loss $10.00. Recall 8.02 p.m.; lighted match thrown on floor.
Wedn'y	17	319	6.45½	719 N. Charles st.	H. L. Whitridge.	Dwelling.	7	4	Three-story brick	Loss, none. Recall 7.44½ a.m.; burning chimney.

Wedn'y	17	31	.....	6.17½	327 to 335 North st.	Edward J. Stinson & Co.	Wheel and spoke factory.	.....	.....	Four-story brick. Loss, none. Recall 6.27 p.m.; smoke from windows.
Wedn'y	17	346	.....	8.45	852 Tyson street.	Thomas Durham	Dwelling.	7	4	Three-story brick Loss, $46.00. Recall 9.02 p.m.; unknown.
Wedn'y	17	419	.....	9.27½	409 N. Eutaw street.	Lewis E. Walters.	Shoe store.	.....	.....	Two-story and attic brick. Loss, $14.50. Recall 9.35 p.m.; unknown.
Wedn'y	17	533	.....	9.52½	704 St. Peter street.	Frederick Labe.	Dwelling.	10, Chem. 15	2	Three-story brick Loss, $116.72. Recall 10.10 p.m.; unknown.
Wedn'y	17	426	.....	10.11	17 S. Carey street.	Alonzo Squires.	Dwelling.	14	10	Three-story brick Loss, $82.70. Recall 10.24 p.m.; light near woodwork.
Thurs'y	18	352	2.41		125 W. Lafayette avenue.	Unoccupied.	Dwelling.	7, 13, 18	4	Three-story brick Loss, $696.50. Recall 4.40 a.m.; unknown
Thurs'y	18	341	4.53		1117 N. Calvert st.	E. L. Bresee.	Dwelling.	.....	5	Three-story brick Loss, $1,171.00. Recall 5.06 a.m.; lighted lamp left in book-case.
Thurs'y	18	13	1009½		213 McElderry's wharf.	Joseph J. Turner.	Fertilizer warehouse.	.....	1	Three-story brick Loss, none. Recall 10.20 a.m.; sparks from fire-place.
Thurs'y	18	274	10.54		2045 E. Hoffman street.	George Hennick.	Dwelling.	Chem. 6	5	Two-story brick. Loss, none. Recall 11.10 a.m.; unknown.
Thurs'y	18	153	.....	9.12½	1423 Eastern ave.	Annie Apple.	Cigar store and dwelling.	.....	3	Three-story brick Loss, $52.50. Recall 9.22 p.m.; gas-jet igniting curtain.
Friday	19	151	1258½		1531 E. Pratt street.	Henry Leidlich.	Dwelling.	.....	3	Three-story brick Loss, $10.00. Recall 1.11 a.m.; explosion of gasoline stove.

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Friday 19	244	.....	2.19	Greenmount ave. and Eager street.	Daniel Rider.	Bales of Hay on sidewalk.	6	5	Sixty bales of hay	Loss, $50.00. Recall 3.02 p.m.; unknown
Monday 22	24	3.30	.....	507 Colvin street.	H'ry R. Warthen.	Dwelling.	6	1	Two-story and attic brick.	Loss, $11.48. Recall 3.39 a.m.; incendiary.
Monday 22	274	3.53¼	.....	Monument st. ext.	Wm. H. Perot & Sons.	Brick kiln.	9, 19	5	One-story brick and frame.	Loss, $500.00. Recall 5.36 a.m.; overheated kiln.
Monday 22	542	.....	6.30	Howard and Stockholm streets.	D. F. Wilfson & Sons.	Furniture factory.	2, 15 Chem. 15	6	Five-story brick.	Loss, $2,479.19. Recall 8.15 p.m.; unknown.
Tuesd'y 23	636	1009½	.....	1321 Hull street. 1323 Hull street.	George W. Seipp. Wm. S. Jeffers.	Dwelling.	17	6	Two-story brick.	Loss, $486.75. Recall 10.47 a.m.; defective flue.
Tuesd'y 23	536	10.45	.....	Columbia ave. ext.	Charles Spillman	Ice-house.	10	2	One-story frame.	Loss, $550.00. Recall 12.24 a.m.; set on fire by boys.
Tuesd'y 23	345	.....	9.12	1815 Maryland ave.	M. G. Kirk.	Dwelling.	18	.....	Three-story brick	Loss, $37.75. Recall 9.21 p.m.; gas-jet igniting curtain.
Wedn'y 24	62	8.12½	.....	43 E. Williamson st.	Amos Dowell.	Dwelling.	.....	6	Two-story and attic brick.	Loss, $117.00. Recall 8.25 a.m.; mice nibbling matches.
Thurs'y 25	535	.....	12.32	1257 Glyndon ave.	Kate Krogman.	Dwelling.	10	.....	Two-story brick.	Loss, $5.00. Recall 2.46 p.m.; explosion of gasoline stove.

Thurs'y	25	165	.....	1024½	1620 E. Baltimore street.	August W. Seidler	Dwelling.	3, 5	3	Three-story brick	Loss, $182.50. Recall 11.02 p.m.; unknown.
Thurs'y 2d alarm.	25	526	.....	1049¾ 10.54	213 and 215 W. Camden street.	Sibley & Smaw.	Feed store and sash factory.	1, 2, 4, 7, 10, 15 Chem. 15	1, 2, 4, 6	Five and two-story brick.	Loss, $2,191.05. Recall 3.40 a.m., 26th; incendiary.
Satur'y	27	154	.....	1135½	909 S. Caroline st.	Edward Lurz & Bro.	Boat shop.	3, 5, 11	3	Two-story frame.	Loss, $267.17. Recall 12.29 a.m., 28th; unknown.
Sunday	28	236	.....	6.48	206 Edgar Place.	Frank Martinek.	Dwelling.	.....	3	Two-story brick.	Loss, $100.07. Recall 7.01 p.m.; carelessness; rags placed in flue.
Monday	29	121	6.24	.....	107 South street.	Roche & Son.	Liquor store.	3, 4	1, 3	Four-story brick.	Loss, $1,563.24. Recall 7.25 a.m.; unknown.
Monday	29	4	.....	3.25½	133 and 135 E. Baltimore street.	W. U. Tel'gh Co.	Office building.	4 Chem. 15	1, 2	Four-story brick.	Loss, $50.00. Recall 3.40 p.m.; electric light wire.
Monday	29	383	.....	5.55¼	435 Bloom street.	Wm. H. Steiner.	Dwelling.	.....	.....	Three-story brick	Loss, $2.50. Recall 6.05¾ p.m.; grease boiling over.
Tuesd'y	30	157	2.00	.....	619 S. Bond street.	Kacimerz Jakubowski.	Sausage factory and dwelling	5, 11	3	Two-story and attic brick.	Loss, $259.70. Recall 2.58 a.m.; unknown.
May.											
Friday	3	64	.....	5.15½	133 E. Barney st.	Philip Bopp.	Grocery store & dwelling.	.....	.....	Two-story brick.	Loss, none. Recall 5.30 p.m.; unknown
Satur'y	4	235	.....	5.33½	626 N. Madeira al.	Lewis Kurcher.	Dwelling.	9	.....	Two-story brick.	Loss, $15.00. Recall 5.49 p.m.; explosion of gasoline stove.
Satur'y	4	242	.....	10.19½	Constitution and Monument sts.	Brush Electric Co	Electric light works.	6	5	One and three-story brick and iron.	Loss, none. Recall 10.39½ p.m.; explosion of flue in boiler.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Tuesd'y	7	34	4.27	1022 Cathedral st.	S. W. Crampton.	Dwelling.	4	.....	Three-story brick	Loss, none. Recall 4.40 p.m.; burning chimney.
Tuesd'y	7	418	5.55	306 W. Lexington street.	Simon Rosenberg	Music store.	1 Chem. 15	2	Three-story and attic brick.	Loss, none. Recall 6.11 p.m.; unknown
Wedn'y	8	151	4.15½	1424 E. Pratt st.	Abraham Silberman.	Grocery store and tenement.	.....	3	Two-story and attic brick.	Loss, $155.60. Recall 4.27 p.m.; explosion of gasoline stove, six persons burned, of whom four died.
Wedn'y	8	143	8.44½	1010 E. Pratt st.	Arnold Mickleson.	Grocery store and tenement.	3	3	Two-story and attic brick.	Loss, $46.50. Recall 8.55 p.m.; explosion of gasoline stove.
Friday	10	526	4.07	120 W. Camden st.	Edwin S. Carter.	Grocery store & dwelling.	2 Chem. 15	2	Two-story and attic brick.	Loss, $96.38. Recall 4.16½ p.m.; unknown.
Friday	10	434	7.39	1220 W. Lombard street.	F. W. McClees.	Grocery store & dwelling.	.....	.....	Three-story brick	Loss, none. Recall 7.50 p.m.; unknown
Satur'y	11	68	5.31½	2000 Light street.	Rose Woody.	Grocery store & dwelling.	.....	.....	Three-story brick	Loss, $15.00. Recall 5.36 a.m.; explosion of gasoline stove.
Satur'y	11	423	2.25	742 W. Baltimore street.	Joseph M. Wells.	Wall-paper store and dwelling.	1 Chem. 15	21	Three-story brick	Loss, $1,722.50. Recall 2.36 p.m.; unknown.
Satur'y	11	31	4.20	313 N. Calvert st.	J. P. Geraghty.	Tailor store & dwelling.	4	.....	Two-story & attic brick.	Loss, none. Recall 4.26 p.m.; explosion of gasoline stove.

Monday	13	245	3.59	.....	2228	McElderry st.	John Bean.	Dwelling.	9		3	Three-story brick	Loss, $198.13. Recall 4.42 a.m.; unknown
Monday	13	143	.....	12 12½	104	S. Eden street.	Kachel Naiman.	Dwelling.	3		3	Three-story brick	Loss, $40.00. Recall 12.23½ p.m.; explosion of coal-oil stove.
Monday	13	428	.....	8.52	126	N. Schroeder st.	Abraham Goff.	Grocery store & dwelling.	1		.....	Three-story brick	Loss, $60.75. Recall 9.02 p.m.; explosion of coal-oil lamp.
Tuesd'y	14	271	.....	8.20	1915	Ashland ave.	Lina Sima.	Feed store and dwelling.	9		5	Two-story brick.	Loss, $585.95. Recall 9.50 p.m.; explosion of coal-oil lamp.
Tuesd'y 2d alarm.	14	561	.....	10 58½	1205 and 1207 Leadenhall street.		John Pensil.	Cooper shop.	1, 2, 4, 8, 10, 12	2, 6	One-story brick.	Loss, $18,242.90. Recall 11.10 a.m. 15th; unknown.	
					1209 Leadenhall st.		Mary Zopp.	Dwelling.			Three-story brick		
				11.03	1211 and 1213 Leadenhall street.		Jacob Wheatfield	Box factory.	15, 17 Chem. 15		Two-story brick.		
Thurs'y	16	232	.....	10.36	222 N. Bond street.		Wm. Clark.	Dwelling.	9		3	Three-story brick	Loss, $91.00. Recall 10.46 p.m.; unknown.
Friday	17	432	.....	2.22½	881 Boyd street.		Alice Dodson.	Dwelling.	10		.....	Two-story and attic brick.	Loss, none. Recall 2.33½ p.m.; burning chimney.
Friday	17	147	.....	7.18¼	1400 Aliceanna st.		Geo. Gartside & Co.	Iron foundry.	.....	3	One-story brick.	Loss, $5.00. Recall 7.29½ p.m.; overheated furnace.	
Satur'y	18	435	.....	5.05	300 Bartlett street.		Margaret Kelly.	Confectionery store and tenement.	.....	.....	Four-story brick.	Loss, $10.00. Recall 5.09 p.m.; children playing with matches.	
Monday	20	562	.....	5.53	20 E. Randall st.		Chas. W. Muhly.	Dwelling.	.....	.....	Two-story brick.	Loss, $7.50. Recall 6.11 p.m.; explosion of gasoline stove.	

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Tues'y 21	31	10 11½	.....	419 Davis street.	Elizabeth Winter	Dwelling.	.....	1	Two-story and attic brick.	Loss, $4.50. Recall 10.19 a.m.; overheated stove-pipe.
Tues'y 21	25	.....	9.09½	951 Forrest street.	Mary Lacy.	Dwelling.	.....	5	Two-story brick.	Loss, none. Recall 9.15 a.m.; unknown
Tues'y 21	141	.....	11 12¾	President st. and Canton avenue.	Otto Duker & Co.	Planing mill.	3	3	Three-story brick	Loss, $25.00. Recall 11.28 p.m.; unknown.
Wedn'y 22	273	.....	10 32¼	1740 N. Washington street.	Wm. Langmann.	Stable.	9, 19 Chem. 6	5	Two-story frame.	Loss, $727.50. Recall 12.47½ a.m., 23d; unknown; unknown man burned to death.
Thurs'y 23	419	5.38½	.....	222 N. Eutaw st.	Joseph Howard.	Gents' furnishing store and dwelling.	1 Chem. 15	2	Three-story attic and brick.	Loss, $128.50. Recall 6.14 a.m.; unknown
Thurs'y 23	292	.....	3.30	715 Jefferson street, Annex.	William Hunter.	Dwelling.	.....	7	Two-story frame.	Loss, $38.00. Recall 3.41 p.m.; explosion of gasoline stove.
Friday 24	257	2.01½	.....	1627 Aisquith st.	James S. Cooney.	Stable.	18, 19 Chem. 6	5	One-story frame.	Loss, $2,400.00. Recall 3.36½ a.m.; unknown.
Satur'y 25	235	6.42½	.....	2113 E. Monument street.	Nicholas Ertell.	Dwelling.	6, 9	3	Two-story brick.	Loss, $30.00. Recall 7 a.m.; explosion of gasoline stove.

Satur'y	25	65	1.34	1960 Hanover st.	John C. Weaver.	Blacksmith shop and stable	2, 12	6	Two-story brick, one-story frame.	Loss, $3,294.94. Recall ——; unknown
Satur'y	25	324	9.42¾	517 W. Preston st.	Allen Whittington.	Dwelling.		4	Two-story and attic brick.	Loss, $129.90. Recall 9.50 p.m.; upsetting coal-oil lamp.
Sunday	26	319	5.17	8 W. Madison st.	Alpha Delta Phi Society.	Club house.	7	4	Four-story brick.	Loss, $80.00. Recall 5.25 a.m.; unknown
Monday	27	153	2.30½	700 S. Caroline st.	E. J. Codd Co.	Machine shop.	5	3	Three-story brick	Loss, $60.00. Recall 2.58 a.m.; unknown
Monday	27	336	9.37¾	329 N. Howard st.	Charles Heesh.	Carriage factory.	1, 7	2	Three-story brick	Loss, $23.62. Recall 9.46 p.m.; unknown
Wedn'y	29	247	2.59	706 Aisquith street.	George Baker.	Dwelling.		5	Two-story and attic brick.	Loss, $18.06. Recall 3.08½ a.m.; burning chimney.
Wedn'y	29	461	2.40	1722 McHenry st.	Frank Farrell.	Provision store and dwelling.		10	Three-story brick	Loss, $35.60. Recall 2.54 p.m.; explosion of gasoline stove.
Wedn'y	29	216	10.33	1205 and 1207 McElderry street.	G. V. Munchow.	Stable and coal shed.	6	1	Two-story brick, one-story frame	Loss, $59.80. Recall 10.43 p.m.; unknown.
Thurs'y	30	45	1048½	706 W. Baltimore street.	Robert J. Fagan.	Restaurant.			Two-story brick.	Loss, none. Recall 10.27½ p.m.; smoke from windows.
Friday	31	183	7.07	1805 and 1807 Hudson street.	Eugene Fisher.	Dye Works.			Two-story brick.	Loss, $20.00. Recall 7.15 a.m.; explosion of chemicals.
Friday	31	163	5.37¼	11 S. Ann street.	Conrad Fuchs.	Dwelling.		3	Three-story brick	Loss, $40.00. Recall 5.45 p.m.; explosion of gasoline stove.
June.										
Monday	3	235	1228⅔	2311 McElderry st.	Catherine Bitter.	Dwelling.	6, 9	3	Two-story brick.	Loss, $557.92. Recall 1.54 p.m.; unknown
				2313 McElderry st.	John Jackson.	Dwelling.			Two-story brick.	
				2315 McElderry st.	George White.	Dwelling.			Two-story brick.	

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Monday	3	176	.....	12 31½	.....	.....	.....	.....	.....	Loss, none. Recall 12.41½ p.m.; box pulled for preceding fire.
Monday	3	157	.....	1.01½	731 S. Bond street.	Peter Marecki.	Saloon and dwelling.	11	.....	Two-story and attic brick. Loss, $18.00. Recall 1.20 p.m.; sparks from chimney.
Monday	3	242	.....	2.57	713 Buren street.	Patrick King.	Dwelling.	.....	5	Two-story and attic brick. Loss, $110.00. Recall 3.15 p.m.; sparks from chimney.
Tuesday	4	48	.....	2.28	28 Wilkins street.	Wm. Wilkins & Co.	Storage shed.	14 Chem. 1	8, 10	One-story frame. Loss, $450.00. Recall 4.44 p.m.; unknown
Wedn'y	5	125	4.53¼	.....	Foot of Patterson street.	Rasin Fertilizer Co.	Tug Seawall.	4, 16	1	Tugboat. Loss, $514.50. Recall 5.08 a.m.; unknown
Wedn'y	5	61	.....	1.46½	York and William streets.	Diamond Ice Co.	Ice factory.	.....	.....	One-story frame. Loss, $5.00. Recall 2.00½ p.m.; upsetting torch.
Wedn'y	5	61	.....	2.06	.....	.....	.....	.....	.....	Loss, none. Recall 2.25 p.m.; false alarm.
Wedn'y	5	23	.....	8.28½	1320 Orleans street.	Alvina Blum.	Dwelling.	.....	.....	Two-story and brick. Loss, none. Recall 8.37 p.m.; burning chimney.
Thurs'y	6	475	9.51	.....	622 Bruce street.	Maria Sanders.	Dwelling.	.....	10	Two-story brick. Loss, $39.25. Recall 10.01½ a.m.; children playing with matches.

Thurs'y	6	434	5.59¼	1138	W. Pratt st.	John J. Murphy.	Dwelling.	.....	.....	Two-story brick.	Loss, none. Recall 6.09 p.m.; explosion of gasoline stove.
Friday	7	561	6.21½	157	Stockholm st.	John Heil.	China store and dwelling.	.....	6	Two-story brick.	Loss, $198.50. Recall 6.28 p.m.; tar boiling over.
Saturd'y	8	412	9.55	46	W. Baltimore st.	M. Sampter & Co.	Notaries.	.....	.....	Four-story brick.	Loss, $10.00. Recall 8.02 p.m.; unknown
Sunday	9	365	1204½	.....	518 Little Pine st.	Martha Jackson.	Dwelling.	7, 8, 13	4	Three-story brick	Loss, $111.19. Recall 12.19.; unknown.
Sunday	9	216	1058½	.....	557 and 559 E. Monument street.	S. H. Tinley,	Sash factory.	1, 2, 3, 4	4, 5	Three-story brick	Loss, $31,692.52. Recall 9.10 p.m.; unknown.
						A. L. Storck & Co	Planing mill.	5, 6, 7, 9	.....	Three-story brick	
					535 E. Monument.	Unoccupied.	Dwelling.	15, 19	.....	Three-story brick	
					537 " "	M. Carroll.	Dwelling.	Chem. 4	6	Three-story brick	
					539 " "	Unoccupied.	Dwelling.	5, 6	.....	Three-story brick	
					541 " "	Kate Lippincott.	Dwelling.	.....	.....	Three-story brick	
					545 " "	August Lamana.	Dwelling.	.....	.....	Three-story brick	
					547 " "	Charles Wagoner	Dwelling.	.....	.....	Three-story brick	
					549 " "	Wm. McIlvaine.	Dwelling.	.....	.....	Three-story brick	
					551 " "	M. Gately.	Dwelling.	.....	.....	Three-story brick	
					553 " "	Samuel Tyle.	Dwelling.	.....	.....	Three-story brick	
					555 " "	George Bishop.	Dwelling.	.....	.....	Three-story brick	
					561 " "	Henry Niemann.	Organ factory.	.....	.....	Two-story brick.	
					563 " "						
					1054 N. Front street.	Unoccupied.	Dwelling.	.....	.....	Two-story brick.	
					1056 " " "						
					1048 " " "	M. Sullivan.	Dwelling.	.....	.....	Two-story brick.	
					1050 " " "	James Keily.	Dwelling.	.....	.....	Two-story brick.	
					1052 " " "	John P. Reilly.	Dwelling.	.....	.....	Two-story brick.	
					1058 " " "	Charles W. Bairly	Dwelling.	.....	.....	Two-story brick.	
					1060 " " "	Louis Bane.	Dwelling.	.....	.....	Two-story brick.	
					1062 " " "	Charles Kincher.	Dwelling.	.....	.....	Two-story brick.	
					1064 " " "	Frank Wilson.	Dwelling.	.....	.....	Two-story brick.	

Date.	Box.	Hour A. M.	Hour P. M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Monday	10	295	1.27½	2218 N. Calvert st., Annex.	Unoccupied.	Dwelling.	18 Chem. 3	.....	Three-story brick	Loss, $100.00. Recall 1.45 p.m.; incendiary.
Monday	10	291	7.26½	8 St. Ann's avenue, Annex.	Robert Boone.	Dwelling.	.....	7	Two-story frame.	Loss, none. Recall 7.40 p.m.; explosion of coal-oil stove.
Tues'y	11	144	7.06	President & Fawn streets.	Reliable Furn. Co	Furniture factory.	3	3	Five-story brick.	Loss, $5.00. Recall 7.21½ a.m.; heat from boiler.
Wedn'y	12	275	1.25	1700 Carlyle Place.	James Kadam.	Grocery store & dwelling.	9	5	Two-story brick.	Loss, $71.00. Recall 1.40½ a.m.; unknown.
Wedn'y	12	214	6.34	135 N. Exeter street	Aaron Parr.	Grocery store & tenement.	.....	1	Two-story and attic brick.	Loss, $56.50. Recall 6.40 p.m; explosion of coal-oil stove.
Friday	14	157	2.15½	1509 Lancaster st.	Jno. Schwartzenbach.	Dwelling.	11	3	Two-story and attic brick.	Loss, $80.00. Recall 3.05 a.m.; unknown
Friday	14	15	1224¾	310 S. Bethel street.	John Weaver.	Dwelling.	5, 9, 11	3	Two-story and attic brick.	Loss, $159.66. Recall 1.25 p.m.; sparks from chimney.
				312 " " "	John Blake.	Dwelling.	.....	.....	Two-story and attic brick.	
				314 " " "	Richard Harris.	Dwelling.	.....	.....	Two-story and attic brick.	
				316 " " "	Fred'k Bentrap.	Dwelling.	.....	.....	Two-story and attic brick.	

Satur'y	15	383	7.04	.....	550	Presstman st.	M. Weigand.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 7.10½ a.m.; explosion of gasoline stove.
Satur'y	15	215	.....	10.37	137	Rogers avenue.	Philip Myers.	Dwelling.	6	.....	Two-story and attic brick.	Loss, $67.50. Recall 10.46 p.m.; explosion of coal-oil lamp.
Satur'y	15	483	.....	11.43	412	Frederick ave., Annex.	Chas. H. Brunner.	Slaughter house.	14 Chem. 1	8	One-story brick.	Loss, $90.00. Recall 12.35 a.m., 16th; overheated boiler.
Sunday	16	142	1024¾	.....	509	S. Exeter st.	Cochran-Oler Ice Co.	Office building.	3	.....	Three-story brick	Loss, $20.00. Recall 10.35½ a.m.; sparks from chimney.
Monday	17	533	3.26	.....	752	Columbia ave.	William E. Neal.	Dwelling.	10, 15	2	Three-story brick	Loss, $212.05. Recall 3.51 a.m.;unknown
Monday	17	533	9.48½	.....	808	Woodward st.	George Martin.	Dwelling.	.....	.....	Two-story brick.	Loss, none. Recall 10.04½ a.m.; explosion of gasoline stove.
Monday	17	31	.....	1.44	413	Courtland st.	Mary Ballow.	Dwelling	4, 6, 7	1	Three-story and attic brick.	Loss, $320.00. Recall 3.14¼ p.m.; unknown.
					415	" "	City of Baltimore	School.				
Monday	17	883	.....	5.49	443	North street.	P. T. George & Co.	Packing house.	4	1	Three-story brick	Loss, none. Recall 6.20 p.m.;unknown
Automatic												
Tuesd'y	18	165	4.32	.....	1429	E. Baltimore street.	Wm. S. Bamleigh.	Confectionery store and dwelling.	3	3	Two-story and attic brick.	Loss, $154.63. Recall 4.52 a.m.; explosion of fireworks.
Wedn'y	19	417	.....	1.03½	612	and 614 Dover street.	George Smith.	Dwellings.	Chem. 15	2	Two-story and attic brick.	Loss, $49.75. Recall 1.14 p.m.; sparks from stack.
Wedn'y	19	441	.....	9.45	17	E. Baltimore st.	Edw. B. Farland.	Shoe store.	.....	.....	Three-story brick	Loss, none. Recall 9.53 p.m.; electric light wire.

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Date.	Box.	Hour A. M.	Hour P. M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Thurs'y 20	241	9.39½	.....	416 N. High street.	Chas. S.Salisbury	Wheel wright Shop and dwelling.	6	.....	Three-story brick	Loss, $15.00. Recall 9.50 a.m.; explosion of gasoline stove.
Thurs'y 20	157	.....	3.21	720 S. Bethel street.	William Brooklander.	Dwelling.	.....	3	Two-story brick.	Loss, $5.00. Recall 3.27 p.m.; sparks from chimney.
Thurs'y 20	271	.....	3.27	1822 E. Madison st.	Charles Pepino.	Stable.	.....	5	One-story frame.	Loss, $2.50. Recall 3.39 p.m.; unknown
Thurs'y 20	419	....	9.32½	412 Louisiana ave.	Di Georgio Sialco	Restaurant and dwelling.	1, 7, 15 Chem. 15	2	Three-story and attic brick.	Loss, $770,68. Recall 10.39 p.m.; explosion of gasoline lamp.
Tuesd'y 25	493	.....	3.16½	727 Church street,	Unoccupied.	Dwelling and stables.	8, 13, 14 Chem. 1, 2	8, 10	Two-story frame.	Loss, $5,343.96. Recall 8.29 p.m.; spontaneous combustion.
				729 Church street,	Antho'y Holland					
				731 Church street,	Arthur Young.					
				733 Church street,	Louis Holland.					
				735 Church street,	John Anderson.					
				737 Church street,	Joshua Banks.					
				739 Church street,	Benjamin Mason					
				741 Church street, Annex.	Arthur Brown.					
				Harlem ave. ext., Annex.	Corneli's Forsyth					
				Harlem ave. ext., Annex.	George R. Carr.					

Wedn'y	26	162	.....	8.38	1718 Thames street.	Mary J. McClellan	Dwelling.	2, 3, 4, 5	1, 3	Two-story and attic brick.	Loss, $10,311.75. Recall 2.30 a.m., 27th; spontaneous combustion.
2d alarm.				8.41	1732 " "	Abra'm Adelberg	Shoe store and dwelling.	6, 9, 11, 15 16	.....	Two-story and attic brick.	
					1806–10 " "	Balto. Wool Extract Works.	Machine shop.	Chem. 6	.....	Two-story and attic brick.	
					1812–14 " "	Geo. F. Whiting.	Stable.	.....	.....	Two-story and attic brick.	
					817 S. Ann street.	Michael Pearre.	Dwelling.	.....	.....	Three-story and attic brick.	
Wedn'y	26	435	.....	10.30	.....	.....	.....	.....	.....	.....	Loss, none. Recall 10.39 p.m.; false alarm; lightning on wires.
Thurs'y	27	429	.....	3.01½	.....	.....	.....	.....	.....	.....	Loss, none. Recall 3.13 p.m.; false alarm; lightning on wires.
July.											
Monday	1	152	1054½	.....	204 S. Bond street.	John Staab.	Provision store and dwelling	.....	.....	Three-story brick	Loss, none. Recall 11.07 a.m.; explosion of gasoline stove.
Tuesd'y	2	154	1.09½	.....	1000 S. Caroline st.	Charles Hanson.	Saloon and dwelling.	.....	3	Two-story and attic brick.	Loss, $160.00. Recall 1.29 a.m.; explosion of fireworks.
Wedn'y	3	217	.....	4.29¾	836 N. Front street.	John Burns.	Dwelling.	4, 6	5	Three-story brick	Loss, $288.60. Recall 4.38 p.m.; unknown
Wedn'y	3	157	.....	4.55¾	737 S. Bond street.	Peter Marecki.	Saloon and dwelling.	.....	3	Two-story and attic brick.	Loss, $16.50. Recall 5.01½ p.m.; sparks from chimney.
Wedn'y	3	312	.....	6.03¾	222 Park avenue.	Frank Ostendorf.	Cigar store and dwelling.	1 Chem. 15	2	Three-story brick	Loss, $756.09. Recall 6.13 p.m.; explosion of fireworks.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Wedn'y 3	161	.....	8.41½	605 S. Ann street.	Christian Betz.	Dwelling.	.....	3	Three-story brick	Loss, $11.65. Recall 8.46 p.m.; balloon on roof.
Thurs'y 4	156	8.09	.....	1710 Lancaster st.	Antoni Tarzyuski.	Dwelling.	.....	3	Two-story and attic brick.	Loss, $2.85. Recall 8.15 a.m.; firew'ks.
Thurs'y 4	814	11.01	.....	629 W. Baltimore street.	George Bayer.	Tailor store.	1	2	Two-story and attic brick.	Loss, $85.06. Recall 11.36 a.m.; firew'ks.
Automatic Thurs'y 4	328	1148½	.....	1524 Druid Hill av.	E. F. Baldwin.	Dwelling.	Chem. 15 13	4	Three-story brick	Loss, $1,196.54. Recall 1 p.m.; lighted match dropped on floor.
Thurs'y 4	365	.....	7.21½	1017 Pennsylvania avenue.	A. Sisselberger.	Toy store and dwelling.	.....	.....	Three-story brick	Loss, $40.00. Recall 7.26 p.m.; explosion of fireworks.
Thurs'y 4	314	.....	8.19	425 Tyson street.	Josiah L. Johnson	Stable.	1, 7, 15	2, 4	Two-story brick.	Loss, $405.00. Recall 9.19 p.m.; firew'ks.
Thurs'y 4	317	.....	8.36	508 St. Paul street.	John W. Royston.	Dwelling.	.....	.....	Three-story brick	Loss, $35.00. Recall 8.47 p.m.; firew'ks.
Friday 5	291	7.09	.....	Huntingdon ave., Old York road, Annex.	Albert Bokel.	Saloon and dwelling.	.....	.....	Three-story brick	Loss, none. Recall 7.35 a.m.; explosion of gasoline stove.
Monday 8	214	12.03	.....	911 E. Fayette st.	Leopold Steinbart	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 12.10 a.m.; overheated stove.

Monday	8	152	9.23¾	1706–8 E. Lombard street.	Richard C. Wells.	Feed store.	3, 5, 9, 11	3	Three-story brick	Loss, $1,102.50. Recall 11.38 a.m.; unknown.
Tuesd'y	9	152	6.54½	1706–8 E. Lombard street.	Richard C. Wells.	Feed store.	3, 5	3	Three-story brick	Loss, $320.00. Recall 9.07½ a.m.; slaking lime.
Wedn'y	10	41	1.17½	206–8 E. Baltimore street.	J. R. Hoover.	Eating saloon.	1, 3, 4	1	Four-story brick.	Loss, $2,571.95. Recall 3.01 a.m.; unknown.
Wedn'y	10	127	7.37½	7 S. Gay street.	The Gathright Burton Co.	Storage warehouse.	3, 4	1, 2	Four-story brick.	Loss, $228.00. Recall 8.31¾ a.m.; unknown.
Friday	12	181	12.11	2924 Elliott street.	C. Keene.	Dwelling.	11		Three-story brick	Loss, $43.00. Recall 12.28 a.m.; burning chimney.
Friday	12	545	8.19½	809 Scott street.	Joseph R. Rea.	Dwelling.			Three-story brick	Loss, $54.20. Recall 8.35 p.m.; explosion of gasoline stove.
Friday	12	152	8.57							Loss, none. Recall 9.00 p.m.; false alarm.
Satur'y	13	142	11.03	1300–2 Bank street.	E.F.Kirwan Mfg. Co.	Can factory.	3, 5, 11	3	Two and three-story brick.	Loss, $300.25. Recall 12.15 a.m., 14th.; unknown.
Monday	15	343	8.50½	Charles and Oliver streets.	White, Crosby & Co.	Storage shed.	18		One-story frame.	Loss, none. Recall 8.57 p.m.; vapor of gasoline.
Tues'y	16	385	4.26½	2001 Callow ave., Annex.	E. C. Wilson.	Dwelling.			Three-story brick	Loss, $20.00. Recall 4.56 p.m.; lightning
Wedn'y	17	4	6.42	207 E. Fayette st.	Michaelson & Lessner.	Engraving establishment.	4	1	Three-story and attic brick.	Loss, $27.50. Recall 6.51½ a.m.; upsetting of sulphuric acid.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Wedn'y 17	212	.....	2.17	107–9 Harrison st.	Abram Blumenfeld.	Furniture store and dwelling	4, 6	1	Two-story and attic brick.	Loss, $25.00. Recall 2.26 p.m.; unknown
Friday 19	187	.....	1.10½	601–3 Luzerne st.	Napoleon B. Woolford.	Oakum factory	11	3	Two-story brick.	Loss, $60.00. Recall 1.50 p.m.; friction of machinery.
Satur'y 20	153	11.37	.....	604 S. Bond street.	John Cohen. Jewish church.	Second-hand store, dwelling and church.	.....	3	Four-story brick.	Loss, $60.00. Recall 11.45 a.m.; lighted candle near woodwork.
Satur'y 20	387	.....	4.59½	Annex.	.....	.....	.....	.....	.....	Loss, none. Recall 5.32 p.m.; false alarm; lightning on wires.
Monday 22	327	9.25½	.....	Druid Hill ave. and McMechen street.	St. Paul's English Lutheran Church.	Church.	13	4	Two-story brick.	Loss, $15.00. Recall 9.45½ a.m.; unknown.
Monday 22	437	.....	8.24	612 Dover street.	Ella V. Smith.	Dwelling.	15	2	Two-story and attic brick.	Loss, $111.50. Recall 8.33 p.m.; explosion of coal-oil lamp.
Wedn'y 24	123	.....	5.43	414–6 E. Pratt st.	S. Schwartz.	Upholstering shop.	3, 4, 6, 15	1, 3	Two-story brick.	Loss, $1,299.87. Recall 6.43 p.m.; unknown.
Friday 26	272	.....	7.41¾	1010 N. Washington street.	Wm. C. Wheeler.	Dwelling.	9, 19	5	Three-story brick	Loss, $10.00. Recall 7.58 p.m.; explosion of gasoline stove.

Satur'y	27	485	8.00	.....	19 John lane, Annex.	Wm. Stockett.	Dwelling.	Chem. 1	8	Two-story brick.	Loss, $144.46. Recall 8.22 a.m.; unknown
Sunday	28	541	.....	5.34	816 S. Eutaw street.	Columbus Gardner.	Dwelling.	.....	.....	Two-story and attic brick.	Loss, $41.50. Recall 5.40 p.m.; lighted match dropped on floor.
Monday	29	392	1237½	.....	Foot of 28th street, Annex.	Wm. H. Green.	Ice-house.	18	.....	One-story frame.	Loss, $300.00. Recall 2.02 a.m.; unknown
Tues'y	30	327	.....	5.12	1633 Madison ave.	A. W. McGlannan.	Drug store and dwelling.	7, 13	4	Three-story brick	Loss, $605.00. Recall 6.52 p.m.; spontaneous combustion.
Tues'y	30	384	8.26½	.....	2523 Madison ave., Annex.	D. S. Evans.	Dwelling.	.....	10	Three-story brick	Loss, $213.25. Recall 8.47 a.m.; unknown
Tues'y	30	214	11.12	.....	246 N. Exeter st.	Leo. Kander.	Dwelling.	6	1	Three-story brick	Loss, $15.00. Recall 11.19 a.m.; unknown.
Tues'y	30	484	11.17	.....	716 Frederick ave., Annex.	Bertha Irving.	Stables.	14	8	Three-story frame	Loss, $344.10. Recall 1.04 a.m.; spontaneous combustion.
					718 Frederick ave., Annex.	George Lerian.	Stables.	Chem. 1			
					720 Frederick ave., Annex.	H. Steinacker.	Stables.				
					722 Frederick ave., Annex.	John Roth.	Stables.				
Tues'y	30	512	.....	8.45	5-11 Uhler's alley.	John H. Short.	Saw mill.	15	2	Four-story brick.	Loss, $40.00. Recall 8.54 p.m.; overheated stove-pipe.
Wedn'y	31	157	.....	3.03	816 S. Bond street.	Casimer Pietrzak.	Saloon and dwelling.	.....	3	Two-story and attic brick.	Loss, $20.00. Recall 3.09 p.m.; sparks from chimney.
Wedn'y	31	56	.....	6.34½	921 Bevan street.	Elizabeth Ricketts.	Dwelling.	.....	6	Five-story brick.	Loss, $117.50. Recall 6.39 p.m.; explosion of gasoline stove.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
August.										
Thurs'y 1	441	.....	11.09	111 N. Charles st.	James Hart and others.	Office building	1, 4 Chem. 15	1, 2	Four-story brick and store.	Loss, $178.50. Recall 11.25 p.m.; spontaneous combustion.
Friday 2	545	.....	1.03½	1171 Dexter street.	Margaret Wise.	Dwelling.	.....	.....	Two-story brick.	Loss, $50.00. Recall 1.17 p.m.; children playing with matches.
Satur'y 3	27	9.51½	.....	1647 Barnes street.	Joseph Gutack.	Dwelling.	6, 9	5	Two-story brick.	Loss, $243.50. Recall 10.31½ a.m.; sparks from stove.
Satur'y 3	541	.....	1223½	1021 S. Fremont st.	D. P. Disney.	Grocery store & dwelling.	2, 6	6	Three-story brick	Loss, $25.00. Recall 12.33½ p.m.; defective flue.
Satur'y 3	171	.....	4.22½	2000 Fountain st.	George Buschman.	Dwelling.	.....	.....	Three-story brick	Loss, $10.00. Recall 4.32 p.m.; sparks from cupola.
Satur'y 3	616	.....	7.40	.....	.....	....	.....	.....	.....	Loss, none. Recall 7.48 p.m.; false alarm.
Satur'y 3	399	.....	7.51	201 Carroll street, Annex.	C. Mysel.	Provision store and dwelling.	.....	.....	Three-story frame	Loss, none. Recall 8.06 p.m.; explosion of gasoline stove.
Satur'y 3 2d alarm.	457	.....	8.09 8.13	918 N. Carey street.	C. W. & F. L. Becker.	Cigar factory.	8, 13	10	Four-story brick.	Loss, $11,895.76. Recall 9.58 p.m.; unknown.

Sunday	4	32	4.42½	.....	325 McElderry's wharf.	James E. Dubel.	Junk shop and waste factory	3, 4, 5, 6	3	Three-story brick	Loss, $2,242.40. Recall 9.02 a.m.; spontaneous combustion
Sunday	4	161	4.58½	.....	604 S. Ann street.	Michael Kuzeynski.	Dwelling.	11	.....	Two-story and attic brick.	Loss, $37.75. Recall 5.41 a.m.; unknown
Wedn'y	7	146	.....	2.50½	915 Fawn street.	Morris Markel.	Dwelling.	3	1	Three-story brick	Loss, ——— Recall 3.04½ p.m.; explosion of gasoline stove.
Thurs'y	8	233	11.57	.....	E. Monument street extended.	Wm. H. Kline.	Fence and field of grass.	9	6	Field of grass.	Loss, none. Recall 12.32 p.m.; incendiary.
Thurs'y	8	65	.....	5.08	1815 Hanover st.	John Adrian.	Dwelling.	.....	.....	Two-story brick.	Loss, $6.25. Recall 5.15 p.m.; explosion of gasoline stove.
Thurs'y 2d alarm.	8	514	.....	5.45 6.01	112–114 S. Eutaw st.	George Franke.	Paper-box and toy factory.	1, 2, 3, 4, 7, 10 12,15 W.T.	1, 2 4, 6	Six-story brick.	Loss, $18,717.43. Recall 11.52 p.m.; unknown.
Thurs'y	8	56	.....	10.49	136 W. Hamburg st.	Sutton Spriggs.	Dwelling.	.....	.....	Two-story and attic brick.	Loss, $25.00. Recall 10.54½ p.m.; upsetting coal-oil lamp.
Satur'y 2d alarm.	10	62	11.00	11.35 1146½	17 Weyler street.	Solomon Weil.	Hat store and dwelling.	2, 12 15, 17	2, 6	Three-story brick	Loss, $4,051.10. Recall ——; explosion of gasoline stove.
					19 " "	Moses Gump.	Saloon and dwelling.	.....	.....	Three-story brick	
					27 " "	John Karch.	Saloon and dwelling.	.....	.....	Three-story brick	
					29 " "	Bernard Scherefsky.	Clothing store and dwelling.	.....	.....	Three-story brick	
					31 " "	John Bowers.	China store & dwelling.	.....	.....	Three-story brick	
Sunday	11	616	.....	3.23½	Covington & Donaldson streets.	Joshua Horner.	Fertilizer factory.	1, 2, 7, 10, 12,15,16, 17	2, 6	Five and two-story brick. One-story frame.	Loss, $37,855.62. Recall 3 a.m., 12th; lightning.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Sunday 11	412	.....	4.51½	12 W. Baltimore st.	Giles W. Quarles.	China store.	.....	.....	Five-story brick.	Loss, none. Recall 4.57 p.m.; electric light wire.
Sunday 11	214	.....	11.22	1010 E. Fayette st.	Simon Wilfson.	Dwelling.	.....	1	Two-story and attic brick.	Loss, none. Recall 11.31½ p.m.; lighted candle near woodwork.
Monday 12	155	.....	1.23¾	1506 Gough street.	Benjamin Susenul.	Dyeing establishment.	.....	.....	Three-story brick	Loss, $34.00. Recall 1.33 p.m.; vapor of gasoline.
Monday 12	165	.....	7.47½	.....	.....	.....	.....	.....	.....	Loss, none. Recall 7.55 p.m.; false alarm.
Tues'y 13	242	10.21	.....	419 E. Madison st.	Annie Tuohy.	Grocery store and dwelling	.....	.....	Two-story and attic brick.	Loss, $25.00. Recall 10.33 a.m.; sparks from tinner's firepot
Wedn'y 14	352	2.44	.....	1515 John street.	J. Alexander.	Saloon and dwelling.	7, 8, 13 Chem. 2	4	Three-story brick	Loss, $832.09. Recall 4.36 a.m.; unknown
				1517 " "	Mrs. Catherine Wheatley.	Saloon and dwelling.	.....	.....	Three-story brick	
				1516 Rutter street.	M. Fallon.	Saloon and dwelling.	.....	.....	Two-story brick.	
				1518 " "	M. McCormick.	Saloon and dwelling.	.....	.....	Two-story brick.	
				115 McMechen st.	C. Carter.	Saloon and dwelling.	.....	.....	Three-story brick	
				117 " "	L. M. Parkhurst.	Saloon and dwelling.	.....	.....	Three-story brick	

Wedn'y	14	287	4.24	.....	18 Belmont avenue, Annex.	L. P. Kummer.	Cigar Factory.	18 Chem. 34	5	Two-story frame.	Loss, $500.00. Recall 5.45 a.m. ;unknown
Wedn'y	14	284	4.29¾	.....	Annex.	.....	.....	.....	.....	.....	Loss, none. Recall 4.55 a.m.; box pulled for preceding fire.
Wedn'y	14	135	.....	12.32	Block and Will sts.	Jesse Tyson.	Chrome works.	5	3	Two-story brick.	Loss, $20.00. Recall 12.41 p.m.; sparks from stack.
Thurs'y	15	355	7.35¼	.....	202 Richmond st.	A. Jacobs.	Tailor shop and dwelling.	.....	.....	Three-story brick	Loss, $10.00. Recall 7.43 a.m.; explosion of gasoline stove.
Friday	16	461	1044¾	.....	1803 W. Pratt st.	John Albecker.	Dwelling.	14	10	Three-story brick	Loss, $15.00. Recall 11.01 a.m.; upsetting coal-oil stove.
Friday	16	521	.....	5.50½	312 Bedford ave.	Elizabeth Irvin.	Stable.	2, 15	2	Two-story brick.	Loss, $297.50. Recall 6.55 p.m.; unknown
Friday	16	244	.....	7.26½	49 McKim street.	Martin Buckley.	Ice-house.	.....	.....	One-story brick.	Loss, none. Recall 7.33 p.m.; explosion of coal-oil lamp.
Sunday	18	38	.....	3.10½	1377 Woodyear st.	John Lubi.	Grocery store & dwelling.	8, 13	10	Two-story brick.	Loss, $971.00. Recall 4.25½ p.m.; unknown.
Sunday	18	5	.....	3.54½	Light and German streets.	J. P. Shannon.	Carrollton Hotel.	4	1	Six-story brick.	Loss, $25.00. Recall 4.07 p.m.; electric light wire.
Sunday	18	326	.....	8.41	537 McMechen st.	Patr'k McManus.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 8.52 p.m.; mice nibbling matches.
Monday	19	322	.....	3.13	Linden avenue and Monument street.	Johns Hopkins University.	Physical laboratory.	1, 7	4	Five-story brick.	Loss, $697.39. Recall 5.23 p.m.; electric light wire.
Monday	19	523	.....	7.59½	400 Burgundy al. 402 " "	Jos. Armistead. Patrick Alsup.	Dwelling. Dwelling. 539	.....	2	Two-story brick.	Loss, $35.00. Recall 8.10 p.m.; unknown

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Wedn'y 21	175	.....	5.22	2225 Gough street.	John Deisanhafer	Dwelling.	.....	3	Two-story brick.	Loss, $18.00. Recall 5.28 p.m.; overheated range.
Thurs'y 22	262	1253¾	.....	1029 McDonogh st.	Roland Stoddard.	Dwelling.	9	5	Three-story brick	Loss, 89.50. Recall 1.00 a.m.; gas jet igniting curtain.
Thurs'y 22	426	.....	1221¼	1089 W. Fayette st.	Wm. McDowell.	Tailor shop & dwelling.	8	.....	Three-story brick	Loss, $18.00. Recall 12.53 p.m.; explosion of gasoline stove.
Thurs'y 22	712	.....	8.24½	81 Cedar avenue, Annex.	Mrs. August Connelly.	Dwelling.	Chem. 7	9	Two-story brick.	Loss, $140.00. Recall 8.35 p.m.; unknown
Thurs'y 22 2d alarm,	527	..... 12.28 23d.	1129½	215–217 W. Pratt st.	O'Connor & Startzman.	Harness supplies.	1, 2, 4, 7, 10, 12, 15 Chem. 15	1, 2, 4, 6	Four-story brick.	Loss, $14,479.45. Recall 4.08 a.m., 23d; unknown.
Friday 23	399	.....	6.43	236 Carroll street, Annex.	Mrs. Jane Gorsuch.	Dwelling.	.....	.....	Three-story frame.	Loss, none. Recall 6.54½ p.m.; burning chimney.
Satur'y 24	363	9.26½	.....	604 N. Fremont av.	George Sauerhoff	Wall paper store & dwelling.	13	4	Three-story brick	Loss, $60.00. Recall 9.42 a.m.; unknown
Sunday 25	634	1110¾	.....	Allen and Clement streets.	Baltimore and Ohio Railroad Company.	Trestle work	17	.....	Trestle work.	Loss, $5.00. Recall 11.28 a.m.; spark from locomotive.

Monday	26	14	12.47	.....	1011 E. Lombard st.	H. Gordon.	Grocery store & tenement.	3		1	Three-story brick	Loss, $720.00. Recall 12.58 a.m.; unknown; H. Gordon rescued by No. 3 Engine Company.
Monday	26	285	.....	2.56	Jackson and Polk streets.	George Ohle.	Stable.	9, 19		5	One-story frame.	Loss, $2,857.54. Recall 7.10½ p.m.; unknown.
2d alarm.				3.05		George Kampus.	Dwelling.	Chem. 3		.....	Two-story frame.	
						W. Oster,	Dwelling.	4, 5, 6		.....	Two-story brick.	
Monday	26	421	.....	8.32	229 Arch street.	Washington Wilson.	Dwelling.	1		.....	Two-story brick.	Loss, none. Recall 8.42½ p.m.; incendiary.
Tuesd'y	27	23	3.14	.....	200–202 N. Caroline street.	N. Frank & Son.	Junk shop.	6		3	Two-story brick.	Loss $120.00. Recall 3.30 a.m.; unknown
Tuesd'y	27	35	1038½	.....	304 Richmond st.	F. J. McCloskey.	Saloon and dwelling.	7		4	Three-story brick	Loss, none. Recall 10.51½ a.m.; electric light wire.
Tues'y	27	143	.....	1020½	217 S. Spring street.	A. S. Kramer.	Dwelling.	.....		.....	Two-story brick.	Loss $5.00. Recall 10.35 p.m.; upsetting coal-oil lamp.
Thurs'y	29	336	.....	6.19	218 W. Saratoga st.	Chas. L. Luthardt	Bakery and dwelling.	.....		.....	Three-story brick	Loss, $15.50. Recall 6.28 p.m.; vapor of gasoline.
Thurs'y	29	318	.....	6.19	.....	.....	.....	.....		.....	.....	Loss, none. Recall 6.33 p.m.; false alarm.
Satur'y	31	248	.....	4.58	443 North street.	P. T. George & Co	Packing house.	4		1	Three-story brick	Loss, none. Recall 5.05 p.m.; lightning.
Satur'y	31	241	.....	5.51	503 N. Front street.	Cornelius Cronin	Saloon and dwelling.	4		1	Three-story brick	Loss, none. Recall 6.04 p.m.; electric light wire.
Satur'y	31	614	.....	8.00	263 E. Hamburg st.	Jos. R. Wheeler.	Grocery store & dwelling.	2		6	Three-story brick	Loss, $179.65. Recall 8.55 p.m.; vapor of gasoline.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Satur'y 31	176	.....	9.00¾	527 N. Patterson Park avenue.	Sarah A. Jones.	Dwelling.	9	3	Two-story brick.	Loss, $70.00. Recall 9.12 p.m.; explosion of coal-oil lamp.
September.										
Sunday 1	31	.....	6.54	419 N. Calvert st.	D. Miccis.	Confectionery store and dwelling.	4, 6, 7	1	Three-story and attic brick.	Loss, $1.876.80. Recall 8.35¾ p.m.; unknown.
Monday 2	614	.....	1.51	1027 Riverside ave.	L. McHugh.	Dwelling.	12	.....	Two-story brick.	Loss, $5.00. Recall 1.58 p.m.; explosion of gasoline stove.
Tuesd'y 3	471	.....	2.09	1623 W. Lanvale st.	Mary C. Morgan.	Dwelling.	8, 13, 14	10	Three-story brick	Loss, $135.00. Recall 2.36 p.m.; mice nibbling matches.
Wedn'y 4	322	.....	1011½	413 N. Eutaw street.	T. H. Haupt.	Shoe store and dwelling.	7	4	Three-story brick	Loss, $55.94. Recall 11.20 p.m.; unknown.
Thurs'y 5	156	.....	2.46	1717–1719 Lancaster street.	Theresa Harkey.	Stable.	3, 5, 11	3	Two-story brick.	Loss, $143.96. Recall 3.29 p.m.; sparks from chimney.
Thurs'y 5	346	.....	5.17½	Linden avenue and Madison street.	Baltimore Medical College.	College building.	7	.....	Five-story brick.	Loss, $30.00. Recall 5.25 p.m.; explosion of gas.
Thurs'y 5	383	.....	7.28¾	510 Presstman st.	Henry B. Stewart	Shoe store and dwelling.	13	10	Three-story brick	Loss, $84.00. Recall 7.40 p.m.; unknown
Thurs'y 5	361	.....	8.14¼	300 N. Pine street.	John J. Hinkler.	Grocery store and dwelling.	8	2	Three-story brick	Loss, $10.00. Recall 8.23 p.m.; unknown

Friday	6	284	9.06½	.....	347 Filmore street. Annex.	Frank Cooper.	Dwelling.	.....	7	Two-story frame.	Loss, none. Recall 9.24 a.m.; burning chimney.
Friday	6	457	.....	2.44	1318 Webb alley.	Richard Morris.	Dwelling.	13	10	Two-story brick.	Loss, $92.22. Recall 3.12 p.m.; unknown
Friday	6	419	.....	6.43½	225 N. Eutaw street.	Thos. Bradshaw.	Confectionery store.	.....	.....	Three-story brick	Loss, none. Recall 6.53 p.m.; electric light wire.
Friday	6	125	.....	7.17	Spear's wharf.	National Building Supply Co.	Lime shed.	3	1	One-story frame.	Loss, $25.00. Recall 7.25 p.m.; slaking lime.
Saturday	7	266	.....	5.15¼	631 N. Eden street.	Thos. H. Bell.	Dwelling.	9	5	Three-story brick	Loss, $97.36. Recall 5.22½ p.m.; unknown.
Sunday	8	546	.....	1.53¼	326 W. Hamburg st.	Wm. H. Baker.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 2.01 p.m.; explosion of gasoline stove.
Monday	9	418	.....	6.20	Howard and Lexington streets.	Wm. H. Read.	Drug store.	1	2	Four-story brick.	Loss, $13.75. Recall 6.27 p.m.; electric light wire.
Monday	9	348	.....	7.33	1809 N. Calvert st.	Joseph Abrahams	Dwelling.	.....	5	Three-story brick	Loss, $67.60. Recall 7.45 p.m.; falling coal-oil lamp.
Tues'y	10	267	1003½	.....	1804 N. Spring st.	Louis Gassaway.	Dwelling.	19	.....	Two-story brick.	Loss, $30.00. Recall 10.15 a.m.; defective flue.
Tues'y	10	527	.....	6.01	222 W. Pratt street.	W. C. Ghee.	Sieve factory.	15	2	Two-story brick.	Loss, $110.00. Recall 6.11 p.m.; tinner's fire-pot.
Tues'y	10	244	.....	8.42½	885–9 Greenm't av.	Greenmount Iron Mfg. Co.	Iron foundry.	6	5	One-story brick.	Loss, $95.00. Recall 8.51 p.m.; heat from cupola.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Thurs'y 12	342	.....	6.51¼	1305 Maryland ave.	Robert Barry.	Dwelling.	.....	.....	Three-story brick	Loss, $41.50. Recall 7.05 p.m.; smoke from windows.
Friday 13	35	.....	3.04	855 N. Howard st.	D. H. Drohan.	Jewelry store and dwelling	7	4	Two-story and attic brick.	Loss, $30.00. Recall 3.16 p.m.; electric light wire.
Satur'y 14	517	1.06½	.....	Foot of Russell st.	John T. Fahey.	Coal yard.	2, 10	6	Trestle work.	Loss, $5.00. Recall 1.20 a.m.; sparks from stack.
Satur'y 14	496	11.00	.....	Windsor Mill road, near Ridgewood Park, Annex.	John C. Shaw.	Stable.	Chem. 1, 2	8	Two-story frame.	Loss, $275.00. Recall 2.16 p.m.; unknown
Satur'y 14 2d alarm.	635	.....	6.40¾ 7.03	1443 Hull street.	Maurice Tillman.	Dwelling.	17	6	Two-story brick.	Loss, $277.50. Recall 7.30 p.m.; children playing with matches.
Sunday 15	394	1107¾	.....	426 Hickory ave., Annex.	John Wells.	Dwelling.	.....	.....	Two-story frame.	Loss, none. Recall 11.32 a.m.; smoke from windows.
Sunday 15	326	1134¾	.....	Pennsylvania ave. opp. Wilson st.	Baltimore & Potomac R. R. Co.	Depot.	7, 8, 13	4	Two-story brick.	Loss,$1,000.00. Recall 1.07 p.m.; sparks from locomotive.
Monday 16	275	.....	3.17	1751 E. Oliver st.	Edward Klaps.	Notion store and dwelling	.....	.....	Two-story brick.	Loss, none. Recall 3.29½ p.m.; explosion of gasoline stove.

Tues'y	17	451	2.20½	.....	1421 Cairo street.	Henry Clark.	Dwelling.	8, 13, 14	10	Two-story brick.	Loss, $1,677.36. Recall 4.27 a.m.; overheated stove.
Tues'y	17	437	7.36½	.....	622 W. Pratt street.	Broderick Bros.	Rag storehouse	1, 2, 3, 4, 5, 6	1, 2 6	Four-story brick.	Loss, $23,397.86. Recall 6.40 p.m.; unknown.
2d alarm.			7.41								
3d alarm.			7.47½		624–8 " "	Bagby & Rivers.	Furniture factory and storage.	7, 8, 10, 12, 15, W.T.		Five-story brick.	
Tuesd'y	17	261	.....	6.21	1218 E. Chase st.	John T. Simpson.	Confectionery store and dwelling.	.....	5	Two-story and attic brick.	Loss, $10.00. Recall 6.33 p.m.; explosion of coal-oil stove.
Wedn'y	18	528	8.41½	.....	Howard and Lee sts	H. F. Kunker and others.	Cooper shop and galvanizing works.	1, 2, 4, 10, 12	1, 2, 4, 6	Two-story brick,	Loss, $2,657.82. Recall 9.47 a.m.; unknown.
2d alarm.			8.26								
Wedn'y	18	514	.....	4.00	405 W. Pratt street.	Vinant Quetra.	Saloon and tenement.	15	2	Three-story brick	Loss, $190.00. Recall 3.07 p.m.; upsetting gasoline stove.
Thurs'y	19	435	.....	3.08	.....	.....	.....	.....	.....	.....	Loss, none. Recall 3.17 p.m.; false alarm; lightning on wires.
Thurs'y	19	345	.....	7.06¾	1921 St. Paul street.	W. W. Mister.	Dwelling.	.....	.....	Three-story brick	Loss, $81.50. Recall 7.33 p.m.; gas jet set fire to mosquito net.
Friday	20	26	12.24	.....	1223 E. Madison st.	Abraham Collier.	Dwelling.	6	5	Two-story and attic brick.	Loss, $708.00. Recall 1.01 a.m.; unknown
					1225 " " "	John W. Smith.	Dwelling.				
Friday	20	62	.....	7.47¼	1115 Light street.	Frederick Ritterhoff.	Confectionery store and dwelling.	.....	.....	Three-story brick	Loss, $35.00. Recall 7.54 p.m.; sparks from oven.
Satur'y	21	365	.....	12.02½	559 Walnut alley.	Solomon Corpee.	Dwelling.	7	4	Two-story brick.	Loss, $25.00. Recall 12.16½ p.m.; overheated stove.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Sunday 22	51	9.52½	.....	Hollingsworth st., near Pratt street.	H. P. Vickery.	Smoke house.	.....	.....	Three-story brick	Loss, none. Recall 9.58½ a.m.; smoke from windows.
Tuesd'y 24	128	.....	5.07¼	70 Centre Mkt. sp.	Monish Kolker.	Clothing store and dwelling	3 Chem. 15	1	Three-story brick	Loss, ——— Recall 5.17 p.m.; stepping on parlor match.
Tuesd'y 24	429	.....	7.31	108 S. Carlton st.	George Geiger.	Dwelling.	.....	.....	Two-story brick.	Loss, none. Recall 7.41 p.m.; vapor of gasoline.
Wedn'y 25	162	1.38	.....	708 S. Wolfe street.	John Kowlski.	Carriage house and dwelling	11	3	Two-story frame.	Loss, $163.55. Recall 2.28 a.m.; unknown
Wedn'y 25	54	4.05	.....	119W. Montgomery street.	Wm. S. Jackson.	Dwelling.	2	6	Two-story and attic brick.	Loss, $300.00. Recall 5.27 a.m.; unknown.
Friday 27	335	.....	2.11¼	309 W. Lanvale st.	Lee Powell.	Dwelling.	7	.....	Three-story brick	Loss, ——— Recall 2.18 p.m.; gas jet igniting curtain.
Friday 27	168	.....	4.56	2022 Aliceanna st.	August N. Schultz	Ship chandler store and dwelling.	5, 11	3	Two-story and attic brick.	Loss, $80.00. Recall 5.53½ p.m.; sparks from cupola.
Friday 27	423	.....	5.34½	661 W. Baltimore st.	Adolph Nachman	Carpet store.	1, 15	2, 4	Three-story brick	Loss, ——— Recall 6.33 p.m.; unknown
Friday 27	13	.....	6.48	820-22 E. Pratt st.	Jacob Brenner & others.	Tenement.	3	3	Three-story brick	Loss, $45.00. Recall 7.44 p.m.; unknown

	27	244	.....	7.51½	828 McKim street.	John J. Longhran.	Saloon and dwelling.	6		5	Three-story brick	Loss, $22.98. Recall 8.02 p.m.; explosion of coal-oil lamp.
Satur'y	28	217	.....	4.44	1034 N. Front st.	Harry Clark.	Carpenter shop and tenement.	3, 4, 6, 9	1, 5		Two-story and attic brick.	Loss, $389.80. Recall 6.31 p.m.; unknown
Satur'y	28	383	.....	2.43¼	1914 Division st.	Unoccupied.	Dwelling.	13		10	Two-story brick.	Loss, none. Recall 2.58½ p.m.; unknown.
October.												
Tuesd'y	1	357	2.54	.....	1028 Park avenue.	Henry Betz.	Grocery store and dwelling	7, 18		4	Three-story brick	Loss, $133.17. Recall 3.50 a.m.; unknown
Tuesd'y	1	48	....	3.26½	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 3.37 p.m.; false alarm.
Wedn'y	2	371	11.32	.....	N. W. Cor. Gilmor and Mosher sts.	City of Baltimore	No. 11 Primary School.	13		10	Two-story brick.	Loss, $10.00. Recall 12.00½ p.m.; overheated furnace.
Wedn'y	2	483	.....	2.07½	Annex.	.....	.....	.....	.....	.....	.....	Loss, none. Recall 2.19 p.m.; false alarm.
Thurs'y	3	321	.....	1.26½	402 N. Greene st.	Samuel White.	Dwelling.	7	4		Three-story brick	Loss, $81.00. Recall 1.40 p.m.; sparks from chimney.
Thurs'y	3	221	.....	6.28½	301 E. Saratoga st.	Flynn & Emrich.	Machine shop.	4, 6	1		Five-story brick.	Loss, $33.50. Recall 6.38 p.m.; sparks from cupola.
Thurs'y	3	262	.....	7.14	1604 E. Eager st.	Jacob Besser.	Dwelling.	.....	.....		Three-story brick	Loss, none. Recall 7.26 p.m.; explosion of gasoline stove.
Thurs'y	3	514	.....	11.38	332 Dover street.	James H. Hake.	Barber shop and tenement.	15	.....		Three-story brick	Loss, $35.00. Recall 11.47 p.m.; explosion of coal-oil lamp.

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Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Friday 4	6	.....	5.24	Wood street and McElderry's whf.	.....	Waste oil in gutter.	.....	.....	.....	Loss, none. Recall 5.33 p.m.; set on fire by boys.
Friday 4	242	.....	6.53	507 E. Madison st.	Mary Schmidt.	Dwelling.	.....	5	Two-story brick.	Loss, $43.43. Recall 7.11 p.m.; unknown
Friday 4	241	.....	8.41	.....	.....	.....	.....	.....	.....	Loss, none. Recall 8.49 p.m.; false alarm.
Satur'y 5	173	1031½	.....	2510 Foster avenue.	Chris. Schoeberlein.	Carriage house.	11	.....	One-story frame.	Loss, $127.88. Recall 10.46 a.m.; children playing with fire.
Sunday 6 2d alarm.	521	2.07 2.13	.....	N. E. Cor. Conway and Hanover sts.	Globe Brewing Company.	Brewing.	1, 2, 3, 4, 6, 7 10, 12, 15, 16, W.T.	1, 2 5, 6	Four-story brick.	Loss, $8,341.99. Recall 5.49 a.m.; unknown.
Sunday 6	135	.....	6.25½	1301–5 Block street.	Balto. Chrome Works.	Chrome Works	3, 4, 5	1, 3	One-story frame.	Loss, $4,100.00. Recall 12.26 a.m., 7th; unknown.
				1326 Philpot street.	Henry Brown & Co.	Rigging loft.	11, 16	.....	Two-story brick.	
Monday 7	314	5.47	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 5.53½ a.m.; smoke from stack.
Monday 7	164	1004½	.....	2000 Monmonier ct.	Margaret Hoffman.	Dwelling.	3, 11	3	Two-story brick.	Loss, $378.50. Recall 10.54 a.m.; explosion of gasoline stove.
				2002 " "	Mary Kahler.	Dwelling.				
				2004 " "	Mary Smith.	Dwelling.				
				2006 " "	William Rice.	Dwelling.				

Monday	7	364	10.29	.....	Druid Hill avenue near Biddle st.	City of Baltimore	English-German School No. 1.	7		4	Two-story brick.	Loss, $15.00. Recall 10.41 a.m.; overheated stove-pipe.
Tuesd'y	8	485	9.30½	.....	28 and 30 Stafford street, Annex.	Thomas Jeraco. Dan'l Stockwell.	Dwellings.	.....		8	Two-story frame.	Loss, $93.00. Recall 10.08½ a.m.; defective flue.
Tuesd'y	8	438	.....	7.29½	831 Hollins street.	Louis Strauss.	Dwelling.	.....		2	Three-story brick	Loss, $50.00. Recall 7.43 p.m.; falling coal-oil lamp.
Wedn'y	9	472	5.23	.....	1302 Vincent alley.	George Hughes.	Blacksmith shop.	13, 14		10	Two-story brick.	Loss, $870.00. Recall 7.08 a.m.; unknown
Wedn'y	9	234	1153¾	.....	1759 Mullikin st.	Thomas Bell.	Dwelling.	9		5	Two-story frame.	Loss, $28.25. Recall 12.12½ p.m.; overheated stove.
Wedn'y	9	612	.....	4.14	221 E. Hughes st.	Samuel McClain.	Dwelling.	2, 12		6	Two-story and attic brick.	Loss $456.50. Recall 5.54½ p.m.; sparks from cupola.
					223 " " "	Solomon Tyler.	Dwelling.	Chem. 15				
					225 " " "	Unoccupied.	Dwelling.					
					227 " " "	John Schley.	Dwelling.					
					229 " " "	Patrick Healey.	Dwelling.					
Wedn'y	9	332	.....	7.40	810 Madison ave.	Madame Hamilton.	Millinery and hair goods.	7		4	Three-story brick	Loss, $126.26. Recall 7.51 p.m.; unknown
Wedn'y	9	287	.....	7.44½	1 Henrietta street, Annex.	Isaac Johnson.	Dwelling.	.....		7	Two-story frame.	Loss. none. Recall 8.19½ p.m.; burning chimney.
Thurs'y	10	286	.....	1253½	131 Quaker lane, Annex.	Allen Howard.	Dwelling.	.....		7	Two-story frame.	Loss, $38.00. Recall 1.05½ p.m.; overheated stove.
Friday	11	397	.....	4.45½	714 Church street, Annex.	Frank Burkhardt	Dwelling.	.....	.....		Two-story frame.	Loss, $10.00. Recall 5.02 p.m.; set on fire by boys.
Satur'y	12	458	6.06	.....	551 W. Lafayette av	Martin Hallman.	Dwelling.	13	.....		Three-story brick	Loss, $20.00. Recall 6.19 a.m.; unknown

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Sunday 13	415	10 46¼	.....	304 W. Baltimore st.	Cline Brothers.	Sporting goods store.	.....	.....	Four-story brick.	Loss, none. Recall 10.51 a.m.; electric light wire.
Sunday 13	395	.....	3.07¾	526 Falls road. 528 Falls road, Annex.	John A. Peters. Unoccupied.	Dwelling.	7	9	Three-story frame	Lost, $111.76. Recall 4.05 p.m.; unknown
Monday 14	473	1.50	.....	401 N. Stricker st.	John E. Eichner.	Drug store and dwelling.	8, 14	10	Three-story brick	Loss, $270.00. Recall 2.41 a.m.; unknown
Monday 14	327	2.42	.....	1633 Madison ave.	J. H. Beckley.	Drug store and dwelling.	7, 13	4	Three-story brick	Loss, $1,704.50. Recall 4.12 a.m.; unknown.
Monday 14	173	.....	5.30	831 Cannon street.	John Leimbach.	Grocery store and dwelling	11	.....	Two-story brick.	Loss, none. Recall 5.40 p.m.; vapor of gasoline.
Tuesd'y 15	143	.....	4.31	129 S. Spring street.	Louis Lobieski.	Dwelling.	3	.....	Three-story brick	Loss, $58.80. Recall 4.42 p.m.; explosion of coal-oil stove.
Wedn'y 16	712	.....	1.07	Falls road nr. Stony Run, Annex.	Unoccupied.	Dwelling.	18 Chem. 3	.....	Three-story stone	Loss, $250.00. Recall 3.48 p.m.; sparks from locomotive.
Thurs'y 17	258	10.32	.....	1018 Ashland ave.	M. T. Horner & Co.	Rag storehouse	.....	.....	Four-story brick.	Loss, none. Recall 10.39¼ a.m.; accidental alarm—man dusting box.

Thurs'y	17	482	.....	10.45	2028 Wilkens ave.	James H. Curtain	Dwelling.	.....	10	Three-story brick	Loss, ——— Recall 11.02 p.m; overheated stove.
Friday	18	295	.....	6.31	306 E. 22d street, Annex.	L. R. Robinson.	Dwelling.	18	.....	Three-story brick	Loss, $5.00. Recall 6.43 p.m.; explosion of coal-oil stove.
Satur'y	19	271	.....	3.21	812 N. Durham st.	Joseph Bertusek.	Dwelling.	9	.....	Two-story brick.	Loss, $42.50. Recall 3.31 p.m.; unknown
Satur'y	19	235	.....	5.06	628 N. Chapel street.	Conrad Fisher.	Bakery and dwelling.	6, 9	3	Two-story brick.	Loss, $37.15. Recall 5.40 p.m.; hot coals from oven.
Satur'y	19	417	.....	8.58½	541 Columbia ave.	F. Kratz.	Dwelling.	.....	.....	Three-story brick	Loss, ——— Recall 9.05 p.m.; gas jet igniting curtain.
Sunday	20	159	.....	9.28½	1614 Aliceanna st.	John Schweiman	Tenement.	.....	3	Three-story brick	Loss, $31.00. Recall 9.48 p.m.; unknown
Tuesd'y	22	364	5.15	.....	931 Druid Hill ave.	Wm. A. Brice.	Provision store and dwelling	7, 8, 13	4	Three-story brick	Loss, $543.00. Recall 6.24 a.m.; lighted match dropped in gasoline.
					933 " " "	Emma Broughton	Eating saloon.				
Tuesd'y	22	319	5.21	.....	2 West Mt. Vernon Place, rear.	Mrs. Grace Greenway.	Stable.	1, 4	4	Two-story brick.	Loss, $540.14. Recall 8.55 a.m.; unknown
Tuesd'y	22	153	.....	4.44	Eden street and Canton avenue.	Standard Oil Co.	Blacksmith shop.	3	3	Two-story brick.	Loss, $15.00. Recall 4.57 p.m.; sparks from forge.
Tuesd'y	22	167	.....	9.55	503 S. Bethel street.	Martin Senc.	Dwelling.	3, 5, 11	3	Two-story and attic brick.	Loss, $258.00. Recall 10.25 p.m.; unknown.
					505 " "	Martin Hepner.					
Wedn'y	23	442	8.55½	.....	636 Vine street.	John Adams.	Dwelling.	1 Chem. 15	2	Two-story and attic brick.	Loss, $148.00. Recall 10.1 a.m.; children playing with matches.

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Wedn'y 23	383	.....	12 12¾	1906 McCulloh st.	Sarah Fellows.	Dwelling.	.....	.....	Three-story brick	Loss, $45.00. Recall 12.28½ p.m.; clothing taking fire from range; Mrs. Sarah Fellows burned to death.
Wedn'y 23	145	.....	7.27¾	Baltimore and Aisquith streets.	Baltimore City Passenger Railway Company.	Electric car No. 205.	3	.....	Electric car.	Loss, $25.00. Recall 7.34½ p.m.; grounding of electric current.
Wedn'y 23	27	.....	8.25	1631 E. Madison street, rear.	Alfred H. Pitts.	Stable.	9	5	Two-story brick.	Loss, $119.95. Recall 9.20 p.m.; unknown.
Friday 25	15	10 40¾	.....	430 S. Bond street.	Fred'k Brozonski	Tenement.	.....	3	Three-story brick	Loss, $94.25. Recall 11.02½ a.m.; overheated stove.
Friday 25	324	.....	11 04½	1102 McCulloh st.	John H. Thomas	Dwelling.	7	4	Three-story brick	Loss, none. Recall 11.22½ p.m.; burning chimney.
Friday 25	534	.....	10 50½	731 W. Barre street.	Albert Miller.	Dwelling.	2	.....	Two-story and attic brick.	Loss, $87.25. Recall 11.00 p.m.; overheated coal-oil stove.

Satur'y 26	399	2.11	.....	213 Carroll st. An'x	James Loane.	Dwelling.	7, 13, 18	4, 9	Two-story frame.	Loss, $15,462.33. Recall 9.57 a.m.; unknown.
2d alarm.		2.32		215 " " "	Elizabeth George	Dwelling.	Chem. 2, 3, 4, 7	.....	Two-story frame.	
				224 " " "	Unoccupied.	Dwelling.	.....	.....	Two-story frame.	
				226 " " "	Emory Peregoy.	Dwelling.	.....	.....	Two-story frame.	
				228 " " "	George Crist.	Dwelling.	.....	.....	Two-story frame.	
				230 " " "	William Morrell.	Dwelling.	.....	.....	Two-story frame.	
				232 " " "	Benjamin Ford.	Dwelling.	.....	.....	Two-story frame.	
				236 " " "	Theo. Gorsuch.	Dwelling.	.....	.....	Three-story brick	
				238 " " "	Chas. Donaldson	Dwelling.	.....	.....	Three-story brick	
				240 " " "	J. P. Benson's Sons.	General store and hall.	.....	.....	Three-story brick	
				207 Park avenue.	William Carter.	Dwelling.	.....	.....	Two-story frame.	
				209 " "	William Ball.	Dwelling.	.....	.....	Two-story frame.	
				211 " "	Thomas Ruby.	Dwelling.	.....	.....	Two-story frame.	
				213 " "	John Hilger.	Dwelling.	.....	.....	Two-story frame.	
				224 " "	Richard Harris.	Dwelling.	.....	.....	Two-story frame.	
				226 " "	Unoccupied.	Dwelling.	.....	.....	Two-story frame.	
				227 " "	Charles Shipley.	Dwelling.	.....	.....	Two-story frame.	
				Foot Sycamore st.	Unoccupied.	Hall.	.....	.....	Two-story frame.	
Sunday 27	483	.....	9.55½	337 W. Lombard st. ext., Annex.	Conrad Geis.	Dwelling.	.....	.....	Three-story brick	Loss, $15.00. Recall 10.14 p.m.; explosion of coal-oil stove.
Monday 28	431	1.31	.....	763 W. Pratt street.	Henry Hughes.	Dwelling.	10	2	Three-story brick	Loss, $204.00. Recall 1.41 a.m.; mice nibbling matches.
Monday 28	421	.....	4.07	751 W. Saratoga st., rear.	Moses Hartz.	Stable and furniture storehouse.	1, 8, 13	2	Two-story brick.	Loss, $291.05. Recall 5.11 p.m.; unknown
Monday 28	612	.....	10.18	904 Light street.	Henry Fischer.	Shoe store and dwelling.	.....	.....	Three-story brick	Loss, $90.44. Recall 10.27 p.m.; unknown.

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Date.	Box.	Hour A. M.	Hour P. M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Tuesd'y 29 Automatic	876	.....	6.05	104 E. Baltimore st.	Rosenfeld Bros.	New York Clothing House.	.....	.....	Five-story brick and iron.	Loss, none. Recall 6.21 p.m.; steam from exhaust pipe.
Tuesd'y 29	416	.....	7.28½	5 S. Greene street.	Abraham Rothkinoks.	Tailor shop.	.....	2	Two-story frame.	Loss, none. Recall 7.35 p.m.; explosion of gasoline stove.
Wedn'y 30	416	2.41	.....	511 W. Baltimore st.	Gustavus Oppenheim.	Rubber stamp factory.	1 Chem. 15	2	Two-story brick.	Loss, $18.59. Recall 2.50 a.m.; hot coals on coal pile.
Wedn'y 30 2d alarm.	533	.....	9.41 9.45½	1025–1027 W. Barre street.	Gottlieb Frey.	Stable.	1, 2, 7, 8, 10, 15	1, 2, 6	Two-story frame.	Loss, $3,823.10. Recall 11.55 p.m.; unknown.
Wedn'y 30	62	.....	9.53½	1106 S. Charles st.	John Giller.	China store & dwelling.	.....	.....	Two-story brick.	Loss, $10.00. Recall 10.07 p.m.; falling coal-oil lamp.
Thurs'y 31	172	.....	1.43	2203 E. Baltimore st	William Kendall	Dwelling.	11	3	Three-story brick	Loss, $65.50. Recall 2.16½ p.m.; overheated range.
Thurs'y 31	451	.....	2.13	1300 Edmondson av	Beard & Price.	Laundry.	8	10	Three-story brick	Loss, $280.00. Recall 2.32½ p.m.; explosion of gasoline stove.
Thurs'y 31	398	.....	8.01	Merryman's lane, Annex.	Unoccupied.	Barn.	Chem. 3, 4, 5	7	One-story frame.	Loss, $200.00. Recall 10.32 p.m.; unknown.
November.										
Friday 1	4	8.26½	.....	139 E. Baltimore st.	Western Union Telegraph Co.	Office building 554	4	1	Four-story brick and stone.	Loss, none. Recall 8.35 a.m.; unknown

Satur'y	2	27	2	10	12½	.....	1203 N. Durham st.	Joseph Wurn.	Dwelling.	9, 19	5	Two-story brick.	Loss, $33.30. Recall 10.25 a.m.; explosion of gasoline stove.
Satur'y	2	52	6	.....	3.28		217 W. Camden st.	Unoccupied.	Warehouse.	1, 2 Chem. 15	2, 6	Four-story brick.	Loss, $25.00. Recall 3.54 p.m.; spontaneous combustion.
Sunday	3	14	5	.....	2.31½		1305 E. Baltimore st.	Michael Schloss.	Dwelling.	3	3	Three-story brick	Loss, $93.30. Recall 2.40 p.m.; falling coal-oil lamp.
Monday	4	41	3	7.06	.....		3 N. Liberty street.	C. Y. Davidson & Co.	Plumbers' supplies.	1 Chem. 15	1, 2	Four-story brick.	Loss, $2,256.07. Recall 8.17 a.m.; unknown.
Tuesday	5	26	6	5.14	.....		1320 E. Monument street.	George H. Hoffman.	Dyeing establishment & dwelling.	.....	.....	Two-story and attic brick.	Loss, $99.25. Recall 5.23 a.m.; children playing with matches.
Tuesday	5	41	3	9.29½	.....		German street and Hopkins Place.	Ambach, Burgunder & Co.	Wholesale clothing.	Chem. 15	2	Six-story brick.	Loss, $70.00. Recall 9.39 a.m.; lighted match thrown in rubbish.
Wedn'y 2d alarm.	6	25	1	4.43 5.40	.....		1023 to 1033 Aisquith street.	St. James' Hall.	School.	4, 6, 9	4, 5	Three-story brick	Loss, ——— Recall 11.06 a.m.; unknown.
Wedn'y	6	45	7	8.19¼	.....		1309 Mosher street.	John Harter.	Dwelling.	.....	13	Two-story brick.	Loss, $2.50. Recall 8.32 a.m.; overheated range.
Wedn'y	6	14	7	.....	5.38		.....	.....	.....	.....	.....	.....	Loss, none. Recall 5.59 p.m.; false alarm.
Friday	8	46	4	11	03¾	.....	337 S. Woodyear st.	Frank Gardner.	Dwelling.	8, 10, 14	10	Two-story brick.	Loss, $180.85. Recall 11.32 a.m.; unknown.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Friday 8	634	11 34½	.....	1514 Boyle street.	James Keustler.	Dwelling.	.....	.....	Two-story brick.	Loss, $81.83. Recall 11.44½ a.m.; explosion of gasoline stove.
Friday 8	168	.....	4.51	1824 Aliceanna st.	Thos. W. Blajek.	Dwelling.	.....	.....	Three-story brick	Loss, $10.00. Recall 5.02 p.m. explosion of coal-oil lamp.
Satur'y 9	164	.....	6.53	1918–1920 Eastern avenue.	Wm. Sullens.	Dwelling.	.....	.....	Three-story brick	Loss, none. Recall 7.05 p.m.; vapor of gasoline.
Satur'y 9	61	.....	8.35	204–218 E. York st.	Wm. H. Evans & Co.	Marble works.	2, 4, 12 15, 16	2, 6	One-story frame.	Loss, $5,119.11. Recall 1.22 a.m., 10th; unknown.
Monday 11	516	10 30¼	.....	Foot of Warner st.	Aug. Fenneman.	Saw-mill.	.....	.....	One-story frame.	Loss, none. Recall 10.40 a.m. sparks from stack.
Monday 11	39	.....	2.59½	1319 W. North ave.	W. S. Wilson.	Dwelling.	.....	.....	Three-story brick	Loss. none, Recall 3.15 p.m.; smoke from windows.
Tuesd'y 12	423	8.37	.....	709 W. Baltimore st.	Wm. Heinekamp	Paint store and dwelling.	1	2	Three-story brick	Loss, $10.00. Recall 8.37 a.m.; overheated stove-pipe.
Tuesd'y 12	273	10 24¼	.....	1304 N. Fremont st.	James H. Preston	Hardware store and dwelling	.....	.....	Three-story brick	Loss, ——— Recall 10.40 a.m.; explosion of gasoline stove.

Thurs'y	14	562	6.46½	.....	1545 S. Charles st.	C. Rosenbrock.	Cigar store and dwelling.	2, 12, 17	6	Three-story brick	Loss, $1,280.15. Recall 9.47 a.m.; sparks from range.
Friday	15	614	.....	8.08¾	1006 Johnson st.	James L. Slavin.	Dwelling.	.....	.....	Three-story brick	Loss, $37.00. Recall 8.22 p.m.; unknown
Satur'y	16	394	12.23	.....	99 Crowther alley, Annex.	Unoccupied.	Dwelling.	18	9	Two-story frame.	Loss, $247.50. Recall 2.46 a.m.; unknown
Satur'y	16	415	.....	5.35	N. W. Cor. Eutaw and Balto. streets.	Sylvanus Stokes.	Hotel, Eutaw House	Chem. 2, 3, 7 15	2	Five-story brick.	Loss, ——— Recall 5.42½ p.m.; electric light wire.
Sunday	17	134	7.20	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 7.30 a.m.; false alarm.
Monday	18	355	3.46½	.....	707 Cathedral st.	Mrs. Henry Taylor.	Dwelling.	.....	.....	Three-story brick	Loss, $5.00. Recall 4.00 a.m.; falling lighted candle.
Tuesd'y	19	155	.....	8.08¾	1426 Gough street.	Annie Silberman	Clothing store and dwelling	3, 5	3	Two-story and attic brick.	Loss, ——— Recall 8.20 p.m.; children playing with fire.
Wedn'y	20	124	3.19	.....	Bowly's wharf and Pratt street.	Penn. R. R. Co.	House car.	3, 4	1	House car.	Loss, $25.00. Recall 3.40 a.m.; explosion of coal-oil stove.
Wedn'y	20	418	.....	8.14	304 Marion street.	Jacob Serio.	Dwelling.	.....	.....	Two-story brick.	Loss, $10.00. Recall 8.23 p.m; vapor of gasoline.
Wedn'y	20	418	.....	10.32	206 N. Howard st., rear.	George Pollock.	Shoe factory.	1	2	Three-story and attic brick.	Loss, ———. Recall 11.03 p.m.; hot ashes in wooden box.
Thurs'y	21	35	.....	1045½	.....	.....	.....	.....	.....	.....	Loss, none. Recall 10.49 p.m.; false alarm.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Friday 22	247	2.35½	.....	524 Short street.	Mary Barrett.	Dwelling.	9	5	Two-story brick.	Loss, ——— Recall 2.43 a.m.; unknown
Friday 22	177	9.34	.....	21 Port street.	John Kranun.	Dwelling.	.....	.....	Two-story brick.	Loss, $22.00. Recall 9.36½ a.m.; hot-air from register.
Friday 22	236	.....	2.02	Chester street south of Orleans street.	M. E. Church.	Church.	5, 9, 11	3	One-story brick.	Loss, $1,015.86. Recall 3.41 p.m.; sparks from chimney.
Friday 22	165	.....	5.03½	1725 Fairmount av.	Rev. Oscar Keiser	Dwelling.	.....	3	Three-story brick	Loss, none. Recall 5.23 p.m.; unknown
Friday 22	165	.....	8.35	.....	.....	.....	.....	.....	.....	Loss, none. Recall 8.50 p.m.; false alarm.
Satur'y 23	353	6.38	.....	1919 Elm street.	Charles Jordan.	Dwelling.	18	.....	Two-story frame.	Loss, $31.40. Recall 6.50½ a.m.; defective flue.
Satur'y 23	353	.....	3.11	.....	.....	.....	.....	.....	.....	Loss, none. Recall 3.28 p.m.; false alarm.
Sunday 24	283	.....	1.37	88 Harford avenue, Annex.	Barbara Lauterbach.	Grocery store and dwelling	19	.....	Two-story brick.	Loss, $101.75. Recall 1.51½ p.m.; explosion of coal-oil stove.
Monday 25 Automatic	869	10.42	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 10.52 a.m.; accidental alarm.

Tuesd'y	26	124	9.41½	.....	Bowly's wharf and South street.	Penna. R. R. Co.	House car.	3, 4	1	House car.	Loss, $100.00. Recall 9.59 a.m.; explosion of coal-oil stove.
Tuesd'y	26	262	6.27¾	1608	E. Chase street.	O. L. Stewart.	Dwelling.	.....	.....	Three-story brick	Loss, $5.00. Recall 6.37 p.m.; vapor of gasoline.
Wedn'y	27	327	5.16	1621	Eutaw Place.	L. S. Tregallis.	Dwelling.	13	4	Four-story brick.	Loss, $308.50. Recall 5.49 p.m.; defective flue.
Wedn'y	27	234	5.47½	1647	Orleans street.	James McKay.	Confectionery store and dwelling.	9	3	Three-story brick	Loss, $60.00. Recall 6.05 p.m.; overheated coal-oil stove.
Wedn'y	27	242	7.15½	511	E. Monument st	Mary Campbell.	Dwelling.	.....	.....	Two-story brick.	Loss $2.50. Recall 7.24½ p.m.; overheated stove.
Thurs'y	28	266	5.35	512	N. Spring street.	Benjamin Chester	Dwelling.	6, 9	5	Two-story brick.	Loss, $365.00. Recall 6.26 p.m.; upsetting coal-oil lamp.
Friday	29	61	4.47	613	Light street.	Chas. Rettaliata.	Liquor store and dwelling	2	.....	Three-story brick	Loss, $10.00. Recall 5.15 p.m.; lighted match thrown on floor.
December.											
Sunday	1	267	2.25	1714	Harford ave.	Charles Bailey.	Dwelling.	.....	5	Three-story brick	Loss, ———. Recall 2.39 p.m.; unknown
Monday	2	35	12	25½	887 N. Howard st.	William Gannis.	Saloon and dwelling.	7	.....	Three-story brick	Loss, ——— Recall 12.36½ p.m.; explosion of gasoline stove.
Tuesd'y	3	37	4.13	1013	W. Lanvale st.	Thos. T. Bradshaw.	Dwelling.	8, 13, 14	10	Three-story brick	Loss, ———. Recall 6.00¼ p.m.; fire dropping through hearth.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Tuesd'y 3	366	.....	4.59¼	1720 Druid Hill av.	J. J. Marlhaus.	Dwelling.	.....	.....	Three-story brick	Loss, ———. Recall 5.08 p.m.; children playing with matches.
Wedn'y 4	423	.....	4.46	636 Raborg street.	Ruth Ford.	Dwelling.	1	2	Three-story brick	Loss, ———. Recall 4.55 p.m.; Overheated stove.
Wedn'y 4	353	.....	7.00	1509 John street.	Daniel J. Barry.	Dwelling.	.....	.....	Three-story brick	Loss, ———. Recall 7.23 p.m.; smoke blowing over roof.
Wedn'y 4	412	.....	8.54	110 Hopkins Pl., rear.	Chas. H. Torsch.	Crockery store.	4 Chem. 15.	2	Four-story brick.	Loss, ———. Recall 9.06 p.m.; unknown.
Thurs'y 5	145	1132½	.....	6 N. Eden street.	M. F. Randall.	Cigar store and tenement.	.....	.....	Four-story brick.	Loss, ———. Recall 11.40 a.m.; overheated coal-oil stove.
Thurs'y 5	54	.....	1.38	107 W. Hughes st.	John Green.	Dwelling.	2	6	Three-story brick	Loss, ———. Recall 1.52 p.m.; overheated stove.
Thurs'y 5	521	.....	5.59	6 E. Camden street.	E. A. Jones.	Paper box factory.	1, 2, 4, 10, 15 Chem. 15	1, 2	Four-story brick.	Loss, ———. Recall 9.45 p.m.; unknown.
Thurs'y 5	287	.....	7.27	9 Henrietta street, Annex.	W. J. Gittings.	Dwelling.	.....	7	Two-story and attic frame.	Loss, ———. Recall 7.54 p.m.; burning chimney.

Friday	6	6 23	.....	8.14	15 W. Church st.	Thomas Armstrong.	Dwelling.	2	6	Two-story and attic brick.	Loss, ——— Recall 8.25 p.m.; sparks from pipe; Mrs. Margt. Armstroug suffocated and taken from building by Dist. Wm. A. Larkins and citizens, and subsequently died.
Sunday	8	485	1.12	.....	744 Frederick ave., Annex.	Geo. H. Glenn.	Slaughter house.	8, 14 Chem. 1	8, 10	Two-story stone.	Loss, ——— Recall 3.55 a.m,; unknown
Sunday	8	484	1.18	.....	Annex.	.....	.....	.....	.....	.....	Loss, ——— Recall 1.32 a. m.; box pulled for preceding fire.
Sunday 2d alarm.	8	135	5.36 5.44	.....	Block and Point sts	Jesse Tyson.	Chrome works.	1, 2, 3, 4, 5, 6 11, 15, 16	1, 2 3, 5	Two-story brick.	Loss, ——— Recall 9.40 a.m.; unknown
Sunday	8	182	9.06	.....	2239 Essex street.	Rudolph Schewel	Saloon and dwelling.	.....	.....	Two-story brick.	Loss, ——— Recall 9.19½ a.m.; explosion of coal-oil stove.
Monday	9	248	10 59¾	.....	353 Holliday street.	Francis Green.	Cook shop.	4	1	Three-story brick	Loss, ——— Recall 11.04½ a.m.; overheated stove.
Tuesd'y	10	318	8.23½	.....	11 Clark's Court.	Joseph Jean.	Dwelling.	.....	2	Two-story brick.	Loss, ——— Recall 8.32 a.m.; defective flue.
Tuesd'y	10	614	.....	12.07	1108 Riverside ave.	Annie Tolson.	Dwelling.	.....	.....	Two-story and attic brick.	Loss, ——— Recall 12.13 p.m.; sparks from stove.

RECORD OF FIRES AND ALARMS FOR THE YEAR ENDING DECEMBER 31, 1895.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Tuesd'y 10	231	.....	8.15	1605 Orleans street.	Stanley Green.	Dwelling.	.....	.....	Two-story brick.	Loss, ——— Recall 8.26 p.m.; leaking oil stove.
Tuesd'y 10	123	.....	9.01	202 Buchanan's wf.	Uneo Lubricating Co.	Lubricating oil factory.	3	1	Four-story brick.	Loss, $95.00. Recall 9.31 p,m.; defective flue.
Thurs'y 12	292	.....	6.14	1003 York road, Annex.	Jesse Johnson.	Dwelling.	Chem. 4	7	Two-story brick and frame.	Loss, $60.00. Recall 6.24 p.m.; overheated stove.
Friday 13	423	8.28¾	.....	658 W. Baltimore street.	H. C. Eigenbrodt	Tailor store & dwelling.	1	2	Three-story brick	Loss, $25.80. Recall 8.36½ a.m.; defective hot-air pipe.
Friday 13	43	.....	5.39	700 W. Lombard st.	Justina Jewerguvas.	Dwelling.	.....	.....	Three-story and attic brick.	Loss, $5.00. Recall 5.46½ p.m.; explosion of gasoline stove.
Satur'y 14	247	.....	5.10	530 N. Gay street.	W. J. Eisenhardt	China store & dwelling.	6	.....	Three-story brick	Loss, $5.00. Recall 5.17 p.m.; gas jet igniting bagging.
Satur'y 14	13	.....	10.46	301 McElderry's wf.	A. L. Mabec.	Oyster packing house and cooper shop.	3, 5	1, 3	Four-story brick.	Loss, $228.00. Recall 12.49 a.m., 15th; unknown.
Monday 16	322	11.04	.....	608 N. Eutaw street.	E. Deichmann.	School.	7	4	Three-story brick	Loss, $92.60. Recall 11.17 a.m.; set on fire by boys.

Monday	16	27	5.32	1618 Miller street.	Augustus Challon.	Dwelling.	9	5	Two-story brick.	Loss, $319.13. Recall 6.24 p.m.; children playing with matches.
Tuesd'y	17	157	7.29½	1600 Aliceanna st.	Dan'l Stuckersky.	Dwelling.	.....	3	Two-story and attic brick.	Loss, $45.00. Recall 7.37 a.m.; unknown
Tuesd'y	17	213	7.56	140 N. Front street.	Louis Caplen.	Tailor shop and dwelling.	6	1	Three-story brick	Loss, $30.00. Recall 8.11½ a.m,; explosion of gasoline stove.
Tuesd'y	17	482	11.30	1900 Wilkens ave.	A. J. Duggan.	Grocery store & dwelling.	.....	.....	Three-story brick	Loss, $20.00. Recall 11.46 a.m.; explosion of gasoline stove.
Tuesd'y	17	65	6.10¾	1818 Hanover st.	Joshua Green.	Dwelling.	.....	6	Two-story brick.	Loss, $77.50. Recall 6.21 p.m.; lighted match dropped on bed.
Wedn'y	18	12	1.48	420 E. Baltimore street.	John H. Wilson.	Shoe store and photograph gallery.	4	1	Three-story brick	Loss, $85.00. Recall 1.58 a.m.; spontaneous combustion.
Wedn'y	18	174	8.17¼	2125 E. Pratt st.	Frederick Wehr.	Dwelling.	.....	.....	Three-story brick	Loss, $64.45. Recall 8.26¼ a.m.; gas jet igniting curtain.
Wedn'y 2d alarm.	18	525	9.13 9.53½	121 W. Pratt st.	Furst Bros.	Feed store and picture frame factory.	1,2,3,4,6,7, 10 12, 15 Chem. 15	1, 2 4, 6	Four-story brick.	Loss, $3,072.83. Recall 1.20 a.m., 19th; unknown.
Thurs'y	19	535	3.44½	1345 Ward street.	James Smith.	Dwelling.	10	.....	Two-story brick.	Loss, none. Recall 4.08 p.m.; lighted match thrown in paper.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Thurs'y 19	156	.....	6.56	1705 Lancaster st.	Marino Merlina.	Dwelling.	.....	3	Two-story and attic brick.	Loss, $20.00. Recall 7.10 p.m.; overheated coal-oil stove.
Thurs'y 19	128	.....	11 59½	32 Center Market space.	Jno. R. Dalrymple	Junk shop.	3	1, 3	One-story brick and frame.	Loss, $150.00. Recall 12.36 a.m.; unknown.
Satur'y 21	31	1.55	.....	Courtland st. near Pleasant st.	Unknown.	Wagon.	4	1	Wagon.	Loss, $35.00. Recall 2.00 a.m.; unknown
Satur'y 21	68	8.22½	.....	Foot of Johnson st.	Durm & Neilson.	Shipwright shop.	12	6	One-story frame.	Loss, $500.00. Recall 9.27 a.m.; unknown
Satur'y 21	425	.....	7.45½	903 W. Baltimore street.	R. D. Fox.	Shoe store and dwelling.	.....	.....	Two-story and attic brick.	Loss, none. Recall 7.55 p.m.; electric light wire.
Sunday 22 2d alarm. 3d alarm.	413	3.38 3.45 3.46½	.....	32 W. Baltimore street.	Heidelberger & Co.	Clothing store.	1,2,3,4,5,6, 7, 8 10, 13, 15 Chem. 15 W. T.	1, 2 4, 6	Two-story brick and iron.	Loss, $50,000.00 (estimated). Recall 1.01 p.m.; explosion of gas.
Sunday 22	244	.....	2.32	850 McKim & Co.	Charlotte Robbins	Dwelling.	.....	.....	Two-story brick.	Loss, $20.00. Recall 2.33 p.m.; overheated stove.
Sunday 22	465	.....	10.15	1925 W. Pratt st.	Anton Schalitzky	Dwelling.	8, 10, 14	10	Two-story and attic brick.	Loss, $263.36. Recall 10.54 p.m.; unknown.

Monday	23	347	9.13¼	.....	.....	.....	.....	.....	.....	.....	Loss, none. Recall 9.20 a.m.; accidental alarm, lineman adjusting box.
Monday	23	623	10 11¼	.....	928 Hanover street.	Sophia Betz.	Dwelling.	.....	.....	Three-story brick	Loss, $35.00. Recall 10.52 a.m.; explosion of gasoline stove.
Monday	23	145	.....	8.34	1302 E. Baltimore street.	John W. Jones.	Cigar store and dwelling.	3	3	Three-story brick	Loss, none. Recall 8.48 p.m.; overheated furnace.
Tuesd'y	24	275	.....	3.10¾	1700 Carlisle place.	Joseph Cadden.	Grocery store and dwelling	19	5	Two-story brick.	Loss, $440.48. Recall 4.20 a.m.; unknown
Tuesd'y	24	281	7.42¼	.....	Clifton Park, Annex	City of Baltimore	Barn & stable.	9, 19 Chem. 5, 6	5	Two-story frame and stone.	Loss, $2,265.20. Recall 4.21 p.m.; unknown.
Tuesd'y	24	213	.....	1.19	247 N. High street.	Jacob Stine.	Tailor shop & dwelling.	3, 4, 6	1, 2	Three-story brick	Loss, $185.50. Recall 2.14 p.m.; unknown
Tuesd'y	24	615	.....	8.11	1401 Compton st.	Robert Thomas.	Grocery store & dwelling.	12	6	Two-story brick.	Loss, $381.40. Recall 8.58½ p.m.; upsetting coal-oil lamp.
Wedn'y	25	438	9.41½	.....	832 W. Lombard st.	Jeannette Finnegan.	Dwelling.	Chem. 15	2	Three-story brick	Loss, $39.56. Recall 9.51½ a.m.; explosion of gasoline stove.
Wedn'y	25	345	10.52	.....	1729 Maryland ave.	Francis Johnson.	Dwelling.	.....	.....	Three-story brick	Loss, $90.61. Recall 11.27 a.m.; unknown.
Wedn'y	25	31	.....	5.21¾	418 N. Calvert st.	W. H. Sullivan.	Notion store & dwelling.	.....	.....	Three-story brick	Loss, $26.37. Recall 5.30 p.m.; gas jet igniting goods.
Thurs'y	26	45	.....	10.13	824 W. Baltimore street.	J. A. Lee.	Shoe store and dwelling.	1	2	Three-story brick	Loss, $136.01. Recall 10.21 p.m.; unknown.

Date.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service	Style of Buildings.	Remarks.
Friday 27	412	12.11	.....	1, 3, 5 and 7 W. Baltimore street.	C. N. Oehm & Co.	Clothing store.	1,2,3,4,5,6,	.....	Four-story brick and iron.	Loss, $220,000.00 (estimated). Recall
Gen. alarm		12.15					7, 8, 9,10,			
				9 and 11 W. Baltimore street.	Armstrong, Cator & Co.	Millinery store	12, 13, 15 Chem. 15	.....	Five-story brick and iron.	2.16 p.m.; unknown
				2 S. Charles street.	C. N. Oehm & Co.	Clothing store.	W. T.	.....	Three-story brick	
Friday 27	418	1.07	.....	114 N. Howard st.	Kann Manf'g Co.	Silverware factory.	14	5	Four-story brick.	Loss, $38.91. Recall 1.59 a.m.; unknown
Friday 27	5	1.09	.....	14 and 16 Light st.	W. J. Dickey & Son.	Cotton warehouse.	5, 11, 17	3	Five-story brick.	Loss, $1,022.25. Recall 4.42 a.m.;
					Hutchinson Bros	Stove warehouse.	.....	.....	Five-story brick.	sparks from Oehm's fire.
Friday 27	352	.....	6.24½	1421 Park avenue.	S. B. Silluran.	Dwelling.	.....	.....	Three-story brick	Loss, $323.15. Recall 6.37 p.m.; lighted match thrown on window curtain.
Friday 27	173	.....	7.58	2540 Foster avenue	Mary Gutski.	Dwelling.	.....	.....	Three-story brick	Loss, $32.25. Recall 8.06 p.m.: lighted lamp set fire to Christmas tree.
Friday 27	213	.....	8.01½	.....	.....	.....	3, 4, 6	1, 5	.....	Loss, none. Recall 8.23 p.m.; panic at Front-street Theatre; 23 killed, 40 injured.
Friday 27	318	.....	8.21½	16 Barnett street.	George Roshel.	Grocery store & dwelling.	1	2	Three-story brick	Loss, none. Recall 8.30 p.m.; unknown

Monday	30	292	.....	9.30½	420 Waverly ave., Annex.	M.C.Kitchenstein	Grocery store & dwelling.	18 Chem. 3, 4, 5,	7	Two-story and attic brick.	Loss, $122.22. Recall 11.25 p.m.; unknown.
Tuesd'y	31	319	1009½	.....	718 Washington pl.	C. J. MacGill.	Dwelling.	.....	4	Five-story stone.	Loss, none. Recall 10.21½ a.m.; burning chimney.
Tuesd'y	31	212	.....	4.15	210 Park avenue.	Jacob Smith.	Saloon and dwelling.	.....	2	Three-story brick	Loss, $16.00. Recall 4.21 p.m.; defective hot-air pipe.
Tuesd'y	31	485	.....	9.17	836 Frederick ave., Annex.	B. F. Ruppert.	Grocery store & dwelling. 567	Chem. 1	.....	Two-story frame.	Loss, $12.50. Recall 9.35 p.m.; unknown

NUMBER OF FIRES AND LOSSES EACH YEAR SINCE THE ORGANIZATION OF THE PAID FIRE DEPARTMENT.

Year.	*No. of Fires.*	*Losses.*
1859	98	$ 350,000 00
1860	112	310,000 00
1861	115	60,000 00
1862	130	83,000 00
1863	138	120,482 33
1864	143	163,528 49
1865	163	71,358 00
1866	178	181,115 00
1867	193	293,045 00
1868	145	76,244 75
1869	187	398,259 09
1870	203	432,717 07
1871	226	475,391 00
1872	245	300,000 00
1873	265	892,628 58
1874	384	506,826 15
1875	348	608,351 30
1876	332	563,248 78
1877	420	438,715 57
1878	371	162,312 78
1879	306	192,654 54
1880	343	580,290 09
1881	324	454,773 35
1882	358	330,113 84
1883	399	561,520 00
1884	388	617,871 79
1885	474	441,743 06
1886	430	896,527 12
1887	496	1,162,359 26
1888	602	1,272,478 82
1889	545	477,329 07
1890	594	441,152 65
1891	676	650,009 73
1892	795	839,435 77
1893	829	1,153,129 76
1894	831	542,188 29
1895	816	730,751 11
The total loss by fires in 37 years has been		$17,831,552 14

REPORT

OF THE

SUPERINTENDENT

Police and Fire-Alarm Telegraph.

REPORT.

BALTIMORE, January 1, 1896.

To the Honorable Board of Fire Commissioners:

GENTLEMEN.—The following report gives in detail the alterations, extensions and improvements in this department for the year ending December 31, 1895:

JANUARY—Put up new forty-foot pole corner Chester street and Canton avenue. Changed Box 171 to new pole and renewed four sections of No. 2 Box Circuit. Put up one forty-foot pole on Fort avenue, near Hull street, and changed wires to new pole.

FEBRUARY—Removed batteries in Engine and Truck Houses and residences of officers of the Fire Department. Several changes of minor importance were made on the lines.

MARCH—Extended Box, Alarm and Independent Circuits to No. 10 Truck Company. Extended Box, Alarm and Independent Circuits to No. 17 Engine Company. Put Independent and Telephone Circuits in residence of Lineman Schaum.

APRIL—Renewed part of Quarantine line between Walker's Pavilion and Hospital, broken down by storm. Put up three thirty-five-foot poles on Dolphin street, between Pennsylvania avenue and Etting street; one thirty-five-foot pole corner Lanvale and McCulloh streets; three thirty-five and three forty-foot poles on Laurens street, between Pennsylvania avenue and McCulloh street; three fifty-five and fourteen forty-foot and two forty-five-foot poles on Lafayette avenue, between Frement avenue and Gilmor street; four thirty-five-foot poles on Stricker street, between Lafayette avenue and Lanvale streets; five fifty-foot poles on Monroe street, between Lombard and McHenry streets; one forty-five-foot pole corner McHenry and Monroe streets; one forty-five-

foot pole corner Smallwood and McHenry streets; five thirty-five-foot poles on Carey street, between Baltimore and Lombard streets; two forty-five-foot poles corner Carey street and Lemon alley; one forty-foot pole corner Lombard and Carey streets; one forty-foot pole corner Calhoun street and Lemon alley; one forty-foot pole corner Lombard street and Callender alley; two forty-foot poles on Poppleton street, between Baltimore and Hollins streets; six thirty-five-foot poles on Winder street, between Light and Covington streets; eight thirty-five foot poles on Covington street, between Winder and Donaldson streets; one forty-foot pole corner Lombard and Schroeder streets; seven thirty-five-foot poles on Baltimore street, between Monroe street and Calverton road.

May—Put up six thirty-five-foot poles on Forrest street, between Madison and Eager streets; one thirty-five-foot pole corner Forrest place and Eager street; one thirty-five-foot pole on Eager street, near Forrest; four thirty-five-foot poles on Eager street, between Forrest and McKim streets; one thirty-five-foot pole corner Forrest place and Chase street; one thirty-five-foot pole corner Chase street and Greenmount avenue; two thirty-five-foot poles on North avenue, between Ensor and Aisquith streets; three forty-foot poles on Ashland avenue, between Central avenue and Aisquith street; four thirty-five-foot poles on Chester street, between Gay and Biddle streets; five thirty-five-foot poles on Gay street, between Chester street and North avenue; four thirty-five-foot poles on Patuxent street, between Ellicott and Dillon streets; four thirty-foot poles on Ellicott street, between Patuxent street and Canton avenue; four thirty-five-foot poles on Luzerne street, between Hudson and Boston streets; one forty-five-foot pole corner Morton alley and Preston street; one forty-five-foot pole corner Dolphin street and Mount Royal avenue; one forty-five-foot pole corner Oliver street and Mount Royal avenue; nine thirty-five-foot poles on Morton alley, between Twentieth street and Huntingdon avenue; one forty-foot pole on Morton alley, corner Twenty-fourth street; six forty-foot poles on Huntingdon avenue, between Remington and Huntingdon avenue extended; three forty-foot poles on Remington avenue, Huntingdon avenue and Oak street.

June—Put up two forty and three fifty-foot poles on North avenue, between Mount Royal avenue and McMechen

street. Changed wires and Box 351 to new pole. Changed all wires on Huntingdon avenue, between Charles street and Remington avenue, to new poles. Changed all wires on Morton alley to new poles, between Twentieth street and Huntingdon avenue. Put up one forty-foot pole on Twenty-fourth street, between Oak street and Maryland avenue. Took down old and changed wires to new poles on Oak street. Put up three thirty-five-foot poles on Bolton street, between McMechen and Mosher streets, and changed all wires to new poles. Took down old and changed Box 352 to new pole. Took down old and changed wires to new poles on Laurens street, between Pennsylvania avenue and McCulloh street. Took down old and changed wires and Box 325 to new poles. Put up one forty-foot pole corner Hoffman street and Argyle avenue. Took down old and changed wires to new pole. Changed wires to new poles on Chester street, between Gay and Biddle streets. Changed wires on Gay street, between Baltimore and Philadelphia Railroad and North avenue, to new poles. Changed wires Patterson park and Eastern avenues to new poles. Changed wires on Ellicott street, between Patuxent street and Canton avenue, to new poles. Changed wires and took down old poles on Greenmount avenue, between Chase and Biddle streets. Changed wires and took down old poles on Forrest street, between Madison and Chase streets. Put up one fifty-foot pole corner Pratt street and Collington avenue. Took down old poles and changed wires on Fort avenue, between Clement and Haubert streets. Took down old poles and changed wires on Winder street, between Light and Covington streets; also on Winder street, between Light and Hanover streets. Took down old poles and changed wires on Covington street, between Winder and Donaldson streets. Changed wires on Eastern avenue, from city limits to Bay View Asylum. Reinsulated Box Circuits 19 and 30 on Canton street, between Eastern avenue and Baltimore street. Trimmed trees and removed slack from our wires on North avenue, between Belair and Harford avenues. Put up one forty-foot pole corner Mulberry and Pine streets. Put up two thirty-five-foot poles Madison and Presstman streets, and changed wires. Put up two thirty-five-foot poles on Madison avenue, between Bloom street and North avenue. Changed Box 382 to new pole corner Madison and North streets, and trimmed trees. Trimmed trees and removed slack from wires on Harford road, Gorsuch avenue and Old York road.

JULY—Put up twenty-five thirty-five-foot poles on Quarantine line and changed our wires from the poles of the Baltimore and Ohio Railroad Company to our poles. Overhauled our wires at different points in city and Annex. Changed No. 2 Box Circuit on Commerce street, between Exchange place and Cable street. Overhauled line and removed slack from wires on Water Board line, between City Hall and Lake Roland. Changed No. 1 Box Circuit on Pratt street, Cheapside and South street. Changed route of No. 2 Alarm Circuit on Madison avenue extended. Put up twenty-seven thirty-five-foot poles on Madison avenue extended, and changed wires.

AUGUST—Moved pole, Ostend and Ridgely streets, for City Commissioner's Department. Moved Box 519 to first pole on Ridgely street, north of Ostend street. Removed slack from wires and took down old poles at different points.

SEPTEMBER—Moved gong from Charles and Baltimore streets to new building of *Morning Herald*, Fayette and St. Paul streets. Moved Box 413 to Western Union pole corner Liberty and Fayette streets. Made several other changes of minor importance.

OCTOBER—Put gong in City and Suburban Railway, Maryland avenue, near North avenue, at their expense. Changed wires, removed slack out of wires and trimmed trees at different points.

NOVEMBER—Changed wires running into Bay View office. Changed wires at North avenue and St. Paul street to clear electric light wires. Changed 24 Box Circuit to new poles on Frederick road. Changed Box 486 to new pole.

DECEMBER—Changed Boxes 288 and 291 to new poles put up by Western Union Telegraph Company. Changed Box 261 to new pole corner of Eden and Chase streets.

CONDITION OF LINES.

Within the past year all our wires have been overhauled and changes made in numerous places for the betterment of the service by removing them from danger of contact with electric light or trolley wires.

Our lines are in excellent condition, and as safe as overhead wires can be.

We have had crosses several times during the year with wires carrying destructive currents, but fortunately escaped with slight damage.

The underground connections have been nearly completed, and when in service will thoroughly protect our system within its boundary.

NEW BOXES.

Additional boxes have been put in service during the year as follows:

191—Dillon and Patuxent streets, Circuit 30.
287—Brady avenue and York road, " 28.
288—York road and 22d street, " 28.
286—Gorsuch avenue and Quaker lane, Circuit 16.
337—Dolphin and Etting streets, " 25.
338—Mulberry and Paca " " 9.
339—Calvert and Read " " 14.
731—Chester street and North avenue, " 16.

KEYLESS DOORS.

The value of this door, which allows any person discovering a fire to sound an alarm from the nearest box at any hour of the day or night, without the loss of time hunting for a key, thereby giving the Fire Department an opportunity to reach the fire while it is in its incipiency, cannot be calculated. One minute in the beginning is better than ten minutes after it has gained headway. I again therefore recommend this improvement for the following boxes:

14—No. 3 Engine House.
17—No. 11 Engine House.
234—Ann and Orleans streets.
24—No. 6 Engine House.
257—No. 5 Hook and Ladder.
259—Biddle and Valley streets.
263—Caroline and Preston streets.
264—Caroline and Monument streets.
27—No. 9 Engine House.
272—Biddle and Wolfe streets.
324—Preston street and Druid Hill avenue.
326—McMechen street and Pennsylvania avenue.
327—Madison avenue and McMechen street.
36—No. 13 Engine House.
364—No. 4 Hook and Ladder.
367—Myrtle avenue and Hoffman street.
371—Mosher and Gilmor streets.
429—Baltimore and Calhoun streets.

455—No. 8 Engine House.
481—No. 14 Engine House.
46—Baltimore and Gilmor streets.
53—No. 10 Engine House.
532—Barre and Warner streets.
534—Ridgely and Hamburg streets.
535—Columbia avenue and Wooster street.
612—Montgomery and William streets.
615—No. 12 Engine House.
631—No. 6 Truck House.

REMOVAL OF OVERHEAD WIRES.

In 1882 I began calling attention in my annual reports to the immense increase in aerial wires, caused by the use of electricity for telephone, telegraph, electric light, and in later years for street car and other service. The dangers from this source have been strongly dwelt upon, and our legislative branches of the city government appealed to to take prompt and positive action to place wires of all companies underground. Quotations from some of my back reports on this subject follow:

From 1882: "The immense increase of wires of telegraph, telephone and electric light companies during past year render it imperitively necessary, in my judgment, that some measures should be taken by the Mayor and City Council to compel all wires to be placed underground in the near future.

"The perfect network of wires in the business centre of the city, the unsightly poles on each side of nearly every street, and the constant and increasing danger to the lives and property of our citizens in case of fire, call for immediate and urgent action."

1885 Report says: "The perfect network of wires, the lines of unsightly poles leading to the business centre, have not only become a nuisance, but give great cause for alarm in time of fire when it is almost impossible to reach any building over two stories in height without meeting an almost insurmountable barrier of wires, which greatly delay and impede the work of our firemen.

"This question has been considered in all its phases, and the only sure and safe remedy is to compel all wires to be laid underground.

"As has been stated in my previous reports, the question of practicability will be raised by the companies to be affected

by such a law, but the experience of European cities that have had underground wires in use for years, where it has given entire satisfaction, together with that of several cities in the United States where it is in operation, virtually settles that point.

"To make the law as unobjectionable as possible, I would recommend that a district in the business part of the city be laid off with the City Hall as the central point, and all companies be compelled to comply with its provisions within such time as may be decided upon in the future.

"This to be followed by another district each year until all wires are underground.

"The object could thus be obtained without serious inconvenience or injury to any corporation or persons."

These quotations are given because all arguments on a particular point must be nearly the same, and to show that this important matter received proper consideration at my hands for the past fourteen years.

PROTECTION TO HUMAN LIFE.

In 1879 and year after year since attention has been called to the great danger from fire or panic in schools, theatres, orphan asylums and large halls where crowds congregate, and my recommendation was the passage of an ordinance compelling theatres, etc., to place a fire-alarm box in the building, whereby the trained and experienced men of the Fire Department could be summoned at once. Many lives would be saved by this safeguard.

INCREASE OF FORCE.

As recommended in my last annual report, the City Councils passed and the Mayor approved the ordinance to make two additional operators and an assistant lineman in this department.

We now have six operators for service during the twenty-four hours, which enables us to have two on duty at all times, day and night.

This was necessary from the fact that we are in constant danger from fire through contact with electric light or other wires carrying heavy currents (as we learned from experience), where it is impossible for one operator to give the machinery that protection which is necessary in a depart-

ment that protects the lives and property of over a half million people.

Again, there was always a great risk with only one operator on duty should he be injured at the switchboard while testing, or be taken suddenly ill during the night with no way to call assistance.

The additional lineman allows the department to have one on duty in the central office during the day and one during the night, with the chief lineman and two assistants to look after all outside trouble, testing of alarm-boxes, etc.

In my judgment this was a wise safeguard.

MATERIAL ON HAND IN LINEMAN'S DEPARTMENT.

11 shovels.
7 scoops.
5 digging bars.
3 tamping bars.
2 cant hooks.
1 butt pike.
10 pike poles.
14 drawing knives.
2 axes.
4 hand axes.
3 chisels.
3 saws.
5 screw drivers.
½ dozen bitts.
2 pair plyers.
2 pair pipe tongs.
2 hammers.
2 braces.
3 monkey wrenches.
1 small truck.
200 feet small rope.
1 gasoline pot.
100 pounds No. 12 copper wire.
12 pounds office wire.
½ gross screws,
4 straps and vises.
25 caps for pipe.
31 T arms.
50 glass insulators.
100 bolts and washers.
20 pounds of nails.
10 four-pin arms.
25 six-pin arms.
125 galvanized staples.
50 large knobs and screws.
25 four-wire cleats.
25 two-wire cleats.
1 grindstone.
100 feet Grimshaw wire.
4 pair rubber gloves.

MATERIAL NECESSARY FOR LINEMAN'S DEPARTMENT FOR 1896.

250 chestnut poles, different sizes.
500 four-pin arms, complete.
125 six-pin arms, complete.
50 backboards.
3,000 feet No. 16 Grimshaw wire.
1,000 feet twin wire.
6 drawing knives.
3 chopping axes.
6 hand axes.
2 chisels.
3 monkey wrenches.
1 pole truck.

100 pounds No. 16 office wire.
10 miles No. 12 copper wire.
200 McIntyre sleeves.
2 pair connectors.
1,000 glass insulators.
20 rolls gum tape.
12 shovels.
12 scoops.
4 digging bars.
12 pair plyers.
1 bench vise.
1 gasoline pot.
300 pole brackets.
12 pike poles.
150 pounds nails.
150 pounds solder.
1 keg spikes.
1 dozen bitts.
3 cant hooks.
600 feet small rope.
2 gross screws.
25 spiral springs.
1 block and fall.
150 large knobs.
3 dozen watch oil.
2 hammers.
1 dozen bottles soldering.
2 quires emery paper.
½ dozen files.
50 feet half-inch gas-pipe.
500 galvanized staples.
2 lbs. double-pointed tacks.
10 gallons linseed oil.
100 pounds white lead.
25 pounds Indian Reed.
150 jars, Leclanche battery, complete.
200 braces.
25 corner irons.
10 double irons.
1 dozen large springs for gongs.
1 dozen box springs.
½ dozen pair rubber gloves.

MATERIAL NECESSARY FOR BATTERY DEPARTMENT.

50 barrels bluestone.
1,500 four-pound zincs.
1,500 coppers.
100 cells, Leclanche battery, complete.
200 packages sal ammoniac, extra.
15 cells, Lalande-Edison battery, complete.
100 Leclanche zincs.
500 jars for gravity battery.
40 gallons Monarch battery oil.
100 gravity zinc binding posts.
4 rolls gum tape.
2 gallons turpentine.
1 gallon hard oil.
1 dust brush.

MATERIAL ON HAND, BATTERY DEPARTMENT.

900 four-pound zincs.
100 cells, Gonda battery, complete.
10 cells, Lalande battery.
1 large scale.
2 copper plates and scoop.
2 copper cans.
And lot of old material hardly worth mentioning.

MATERIAL FOR CENTRAL OFFICE—CITY HALL.

3 office diaries.
3,000 sheets department paper.
3,000 department envelopes.
100 sheets emery paper.
1 box register paper.
½ dozen bottles register ink.

QUARATINE LINE.

This line is in good condition, and service during the past year has been very satisfactory. The amount necessary for repairs, etc., are asked for in the estimate of expenses.

WATER BOARD LINE.

This line has given fairly good service, but could be greatly improved by making circuit metallic. It runs on the poles of the Northern Central Railway, from city limits to Lake Roland, and, of course, suffers from induction from electric and steam railroads.

It could be changed to Charles street avenue and placed on the poles of the Telephone Company most of the way, which would greatly improve it. The cost would be small. I would recommend this improvement.

BAY VIEW LINE.

This line gives entire satisfaction. A small amount is asked for its maintenance, also the the House of Correction line.

ESTIMATE OF EXPENSES FOR 1896.

1 Superintendent of Telegraph	$3,000 00
6 Operators, $1,200 each	7,200 00
1 Chief Lineman	1,200 00
4 Assistant Linemen	4,000 00
1 Batterman	1,200 00
Total salaries	$16,600 00
Material, labor and general repairs	$3,000 00
Battery department	2,700 00
Wear and tear of line	1,000 00
Electric apparatus, City Hall	100 00
Feed and horseshoeing	600 00
House of Correction line and Quarantine line	200 00
Water Board line	300 00
Bay View line	100 00
Maintenance and repairs of line in Annex	1,000 00
Insurance for fourteen men, Telegraph Department	74 20
	$ 9,074 20
	16,600 00
Total	$25,674 20

EMPLOYEES OF THE DEPARTMENT.

OPERATORS—James F. O'Mailey, Charles C. Prince, John J. McCoy, Frank L. McAleese, John G. Galloway, Michael Dean.

SUBSTITUTE—George Clarke.

CHIEF LINEMAN—John M. Nugent.

ASSISTANTS—John Durkan, Charles J. Hellings, Thomas W. Glass, David Schaum.

BATTERYMAN—Robert Kain.

Thanks are tendered the members of the Fire and Police Departments for assistance rendered, and to the employees of this department for faithful and efficient discharge of their duties.

Respectfully submitted,

CHARLES J. McALEESE,

Superintendent Police and Fire-Alarm Telegraph.

ANNUAL REPORT

—OF THE—

CITY SOLICITOR,

—TO THE—

MAYOR AND CITY COUNCIL OF BALTIMORE,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31st, 1895.

REPORT.

OFFICE OF THE CITY SOLICITOR,

BALTIMORE, January 21, 1896.

To the Honorable the Mayor and the First and Second Branches of the City Council:

GENTLEMEN.—I hereby respectfully submit my Annual Report: During the year a number of suits have been brought against the city for damages for injuries caused by alleged negligence. These suits have mainly, although not entirely, been on the allegation that the streets have been in a defective condition in some way.

I am happy to say that there has been but one recovery of damages against the city for any cause, and that was in the case of Tyler *vs.* Mayor and City Council, an action in the City Court for flooding the plaintiff's property by collecting surface water artificially, and then having insufficient sewers to carry it off. The verdict in this case was for one thousand dollars ($1,000), and was a very moderate compensation for the injury done. A proper sewer has since been constructed.

A number of damage suits are pending, but they do not require, in my judgment, a special mention. The same is true of a number of street appeals that have been tried during the year in the Baltimore City Court.

UNITED STATES SUPREME COURT.

During the last year, in the case of the Postal Telegraph Cable Company *vs.* Baltimore, this Court affirmed the ruling of the Court of Appeals, which held as valid the ordinance imposing a tax of two dollars ($2) per pole on all telegraph, telephone, electric light and other poles (except trolley poles) in the streets, lanes or alleys of the city.

The two cases of the Mayor and City Council of Baltimore *vs.* the Baltimore Trust and Guarantee Company, and of

Ulman *vs.* Mayor and City Council of Baltimore, are still pending undisposed of in this Court. They will probably be reached at the October term, 1896. Both of these cases are of great importance, in my judgment, to the public interests.

The case of the Baltimore Trust and Guarantee Company *vs.* the Mayor and City Council of Baltimore is the appeal from the decision of United States Circuit Judge Goff in the Circuit Court.

The City Council, at its first meeting after its election in the fall of 1892, passed an ordinance restricting the grant theretofore made to the North Avenue Railway Company of two tracks on Lexington street, between North and Charles streets, to a single track. This repealing or restricting ordinance the Court of Appeals of Maryland decided it was competent and lawful for the municipal government to pass in the exercise of their legislative powers. After that decision was made, the Baltimore Trust and Guarantee Company filed a bill in the United States Circuit Court to restrain the city authorities from interfering with the two tracks originally authorized on Lexington street.

The Circuit Court, on this bill, when it came up for final hearing, passed a decree holding that the City Council had no authority to pass the repealing or restricting ordinance, and that the original grant was a contract which could not be altered except with the consent of both parties. Judge Morris, who sat with Judge Goff, dissented, and held that the repealing or restricting ordinance was a lawful exercise of power on the part of the municipal authorities. The city promptly took an appeal.

It will be seen that in this decision a single Federal Judge, over the dissent of his colleague on the bench, and in the teeth of a decision of the Court of Appeals of this State, has, in construing the chartered powers of this city, held that when an ordinance is once passed by the Mayor and City Council granting certain street privileges to a street railway company, it is beyond the power of the present or any future City Council to modify, alter or repeal them without the consent of the street railway company.

That this decision is wrong in principle, and unsupported by the authorities, is my abiding conviction. The reasons why I deem it erroneous are fully set out in the opinions in the Court of Appeals, and in Judge Morris' opinion in the Circuit Court, and in the printed briefs filed in those courts by City Counselor Hayes and myself.

The practical results of such a doctrine are mischievous in the extreme. It puts the streets of the city for all time at the mercy of a reckless, an improvident or a venal City Council, if such a one should ever be elected. By making any grant irrepealable, and therefore more valuable to the grantee, it adds to the inducements to persons seeking concessions and franchises from the City Council to engage in corrupt lobby practices.

It is, in my opinion, the duty of the city authorities to press this appeal in the Supreme Court with all possible vigor.

There may be differences of opinion as to whether the public interest would suffer very greatly by having two tracks on Lexington street; there can, I think, be no two opinions on the question of the importance of having the principle judicially established that the public authorities for the time being have control of the public highways, and that one City Council cannot by gift, sale or bargain deprive its successors in office of the power to so order and control the public highways as the public exigency for the time being may require.

The other case in this Court is the appeal of Mrs. Ulman from the decision of the Court of Appeals in the case of Mayor and City Council of Baltimore *vs.* Ulman, in which the validity of the Acts of 1892, Chapter 284, and of Ordinance 84 of 1893, passed thereunder, are questioned.

Some years ago the Court of Appeals decided that the paving ordinances then in force were unconstitutional and void because they did not give notice and an opportunity to be heard as to the proper apportionment of the tax to the property owners.

This decision rendered invalid a large number of ordinances under which the Mayor and City Council of Baltimore had expended many thousand dollars; the sum has been estimated as high as eighty thousand dollars ($80,000).

The Act of 1892, Chapter 284, and the Ordinance 84 of 1893, provided for the reassessment of the paving charge upon the property on North avenue which had escaped paying the void assessment, but which had received the benefit of the pavement. This ordinance provided ample notices and opportunity to the property holders to be heard as to their proportion of the tax.

It was held by the Court of Appeals that the ordinance, the act and the assessment were all valid, and that Mrs. Ulman would have to pay the assessment. If this decision is affirmed

by the Supreme Court, it may be the means of enabling the Mayor and City Council to collect a large amount of money from property holders whose property has been benefitted by the laying of pavements, and who so far have escaped all payment therefor, and thrown the same on the general levy. This has been especially unjust to those adjoining property holders who have paid their own assessments; because, after paying in full for the benefit which they have themselves received, by the increase of their taxes in the general levy, they have been compelled in addition to bear a portion of the expense of improving their neighbor's property.

In the United States Circuit Court of Appeals the decision of the Circuit Court in the case of the Safety Insulated Wire and Cable Company *vs.* Mayor and City Council of Baltimore was reversed and remanded, the Circuit Court having held that it was within the power of the City Council to repeal the Ordinance 106 of 1893, under which the contract sued on had been made, on the ground that the work was governmental in its character.

The case, after the remand, was tried in the Circuit Court before Judge Morris and a jury in November, 1895, and the jury, under the instruction of the Judge, rendered a verdict for the city on the ground that it was beyond the corporate power of the plaintiff to enter into the contract. An appeal was prayed to the Circuit Court of Appeals, where the case will probably be tried in February or March, 1896. The case is important to the city because the plaintiff's claim is a large one, its manager swearing that the loss of profits on the contract according to his estimate was thirty-three thousand dollars ($33,000).

There was also tried in the United States Circuit Court the case of Isaac S. Filbert *vs.* Mayor and City Council of Baltimore, a suit for an alleged infringement of a patent by the city authorities. The case has been argued on the Master's report, and is now held *sub curia*. The Master's report was favorable to the city.

IN THE COURT OF APPEALS.

In this Court the following cases have been disposed of:

Kilpatrick *vs.* Mayor and City Council, which was an appeal in an action of ejectment for a portion of Perkins Square.

Smith & Schwartz *vs.* Mayor and City Council. This was

an appeal from the Baltimore City Court from an assessment of benefits in the opening of Madison street, and the judgment of the lower Court against the city's appeal was affirmed.

Mayor and City Council *vs.* York Turnpike Road and City and Suburban Railway Company. This was the city's appeal from the decision of Circuit Court No. 2, refusing to annul the deed put upon record without the city's consent for the portion of the turnpike road within the present city limits. The Court of Appeals reversed this ruling, and decided that the city could not be compelled to accept the bed of the turnpike when it was burdened with easements theretofore granted to the street railway company.

Mayor and City Council *vs.* Keely Institute. This was an appeal from the Superior Court and was decided adversely to the city's contention; it held that the Act of 1894, Chapter 247, was a valid Act of Assembly. This act requires the Judges of the several Circuit Courts to send resident habitual drunkards to institutions for the medical cure of drunkenness upon a petition being filed, showing that a resident of the city or county is an habitual drunkard, and that neither himself nor his next of kin are financially able to incur the expense of his cure. This cure is to cost not more than one hundred dollars ($100), and is to be borne by the county or city from which the habitual drunkard is sent. If the Judge is satisfied of the facts above enumerated, and the drunkard consents to go, he has, it has been held, no discretion in the matter, but is compelled to put this burden of curing the habitual drunkard upon the taxpayers. It seems to me that the act is capable of being greatly abused, and of placing very heavy burdens upon the public.

The act ought, at least, to be amended by making it discretionary with the Judge to whom the application is made to grant or refuse the application as to him seems best.

State *ex rel.* Baltimore, Canton and Point Breeze Railway Company *vs.* Latrobe, Mayor, etc., was a mandamus case brought by the Baltimore, Canton and Point Breeze Railway Company against the Hon. Ferdinand C. Latrobe, former Mayor of Baltimore, and the then City Commissioner A. E. Smyrk, to compel them to permit the tracks of this company to be laid upon the city streets. The litigation was decided in favor of the Mayor, and the company has never laid its tracks.

Shanfelter *vs.* Horner, and Shanfelter *vs.* Mayor and City Council, were two suits growing out of the attempt of the tenant of the Imperial Hotel to force the city to condemn his interest in the property. Both were won by the city.

Gluck *vs.* Mayor and City Council; Wright, Newbold, Frick, Frick, Trustee, Safe Deposit & Trust Company *vs.* same, and Mayor and City Council *vs.* same, were appeals in the matter of opening certain streets, and require no special comment.

The case of Mayor and City Council *vs.* Fear was also a street appeal involving a question of dedication, and was decided adversely to the city. This appeal grew out of the opening of Myrtle avenue, now Walbrook avenue. This was the street in which the awards by the jury to Messrs. Fear and Ulman, property holders, were, in my judgment, grossly excessive, and in regard to which I wrote the letter of May 28, 1895, to Mayor Latrobe, recommending the repeal of the ordinance. This letter was transmitted by Mayor Latrobe to the City Council at their next session after that date. I respectfully renew the recommendation that that ordinance be repealed for the reasons given in that letter.

The case of Mayor and City Council *vs.* Sharp and Sharp *vs.* Mayor and City Council were respectively an injunction and a mandamus suit brought by property holders to enforce in the inverse order of the passage of the ordinances the paving of the streets ordained by the City Council to be paved out of the Six Million Loan by ordinances which are yet unexecuted. The Court of Appeals decided that as the ordinances which were passed would require much greater funds than are in the city treasury available for that purpose, and as it was impossible to tell from reading the ordinances to which of them the Mayor and City Council desired to give priority, that none of them should be executed until the City Council by further action, by ordinance or resolution, should designate the order of priority in which it wished the work done.

The only other cases before the Court of Appeals during the last year were Simpson *vs.* Hopkins, Collector, and Mayor and City Council *vs.* Fisher, etc., Receivers. Both of these cases involved questions of taxation, and both are as yet undecided.

In the Superior Court the following cases have been disposed of in the manner indicated:

1. John C. Sharp, *et al.*, *vs.* Alfred E. Smyrk, *et al.* Mandamus to pave certain streets. Judgment in favor of plaintiffs. Appeal. This case has already been mentioned in speaking of cases in the Court of Appeals.

2. George A. Kuhn *vs.* Mayor and City Council of Baltimore. Personal injuries to plaintiff on South Howard street, falling from wagon caused by a defect in street. Settled for one hundred and fifty dollars ($150). No trial.

3. John Miller and wife *vs.* Mayor and City Council of Baltimore. Personal injuries to wife falling on a board in Cross Street Market. No trial. Five hundred dollars ($500) paid.

4. Mayor and City Council of Baltimore *vs.* Tracey. Judgment for city.

In the Court of Common Pleas, with the exception of the ejectment case against Shanfelter for the recovery of the possession of the Imperial Hotel property, which was mentioned among the cases in the Court of Appeals, there has been no case tried to which the city was a party.

In the City Court the most important case to the city's interest which was tried is the case of the Mayor and City Council of Baltimore *vs.* Baltimore, Catonsville and Ellicott's Mills Passenger Railroad Company, in which the validity of the city's claim to the tax of nine (9) per cent. of the gross receipts of street railway companies in the annex, when the street railway tracks are laid upon turnpikes, was questioned. The Court denied the validity of the city's claim, and under instructions from the Mayor the city has appealed; the case will probably be reached and argued at the April term of the Court of Appeals.

Another important case instituted in this Court is the petition of the Home Telephone Company for a mandamus to compel the Mayor and City Commissioner to grant a permit to this company to erect telephone poles in the city streets. This application was resisted on the ground of a want of authority in the petitioner from the Legislature and the City Council to erect the poles. A *pro forma* decision was rendered in favor of the city and an appeal taken to the Court of Appeals, where the case is now pending.

The case of Mattie Lane *vs.* Mayor and City Council was an action of damages for an alleged defective condition of the sidewalk of North avenue. It was decided on the merits in favor of the city.

The case of Williams *vs.* Latrobe was a mandamus on the part of certain petitioners as representatives of the Reform League to compel the Mayor and City Commissioner to allow them to inspect certain original records in the City Commissioner's Department.

The Court on the hearing, without passing definitely on the main point, denied the mandamus on the ground that as there was an investigation going on by a Council Committee, it was not a proper time to exercise the judicial discretion, even if it existed, and authorize a private investigation by individual citizens, even if the right existed.

I am very clear in my opinion that no such right of inspection exists, and I think it might be very inconvenient and lead to great confusion in the public service if ever held to exist.

Every person, under the law as now interpreted by the city authorities, who has any special interest in any particular record different from the interest of the public at large, has a right to inspect the same. Under Article 1, Section 62, of the City Code of 1893, any person on paying the proper fees can procure a copy of any given city record. And the Grand Jury or the City Council can inspect any records of the city at any time they so desire for the purpose of procuring any information for any proper public purpose.

There are pending in the City Court seven (7) cases, brought by Fielder C. Slingluff and others for damages caused by delay in opening certain streets. When these suits were instituted, I wrote to the Mayor as follows:

BALTIMORE, July 8, 1895.

Hon. F. C. Latrobe, Mayor, etc.:

DEAR SIR.—Messrs. Fielder C. Slingluff and Frank Slingluff, as trustees, have instituted seven (7) suits against the Mayor and City Council of Baltimore for delay in opening certain streets in the belt after the benefits have all been paid.

It is the duty of the city to either open the streets and pay the damages, or to abandon the proposed improvement within a reasonable time after the completion of the work of ascertaining the cost thereof, and if the city neglects this duty, the Court of Appeals has several times said that the property holder, if he has taken the proper steps to entitle him to insist on having the streets opened, can recover damages for any loss that he has sustained.

Some time ago, at your request, I prepared an ordinance to repeal all outstanding ordinances in the belt. This ordinance was never enacted by the City Council. I write to inform you of these suits, and of the fact that the city, through the failure of the City Council to either pass the repealing ordinances, or to provide for the opening of the streets, is being rendered liable to heavy damages.

Yours truly,

WILLIAM S. BRYAN, JR.

The City Council, so far as I am informed, has taken no action in the matter, although Mayor Latrobe brought the matter to their attention. The streets in regard to which it is claimed an unreasonable delay has taken place are all in the annexed district, and are Elgin avenue, from Ninth street to Seventh street; Windsor avenue, from Fourth street to Ninth street; Northwest street, from Seventh street to Ninth street; Seventh street, from Northwest street to Morris avenue; Myrtle avenue, from southwest side of Slingluff avenue to Ninth street; *Eighth street*, from Northwest street to Elgin avenue; *Clifton avenue*, from Ninth street to Fourth street.

I would respectfully urge that the City Council take some immediate action on these cases. The custom of passing ordinances for the purpose of enabling the Councilman from a particular ward to satisfy some one or more of his constituents, when there is no *bona fide* intention of providing for the expense of opening the street, and often when there is no proper public reason for opening it, is one which may eventually cost the city a great deal of money.

The suit of A. S. Lee *vs.* Mayor and City Council of Baltimore is an action pending in the Circuit Court for Baltimore County in which damages are claimed against the city for alleged flooding of the plaintiff's lands. In this case, with the assent of Mayor Hooper, I have retained Hon. John T. Ensor as local counsel.

The suit of Chappell *vs.* Mayor and City Council of Baltimore is still pending in the Circuit Court for Anne Arundel County. This is an ejectment for the land covered by the waters of the Patapsco River, over which the wharf at the Quarantine Station extends to deep water. In this case Mr. William A. Hammond, my predecessor in office, retained

Hon. James Revell as local counsel. After Judge Revell's elevation to the bench, I, with the assent of Mayor Latrobe, retained Dennis Claude, Esq., as local counsel. These latter two are the only cases of importance not in the United States Supreme Court, the United States Circuit Court of Appeals, or the Maryland Court of Appeals, pending outside of the city limits in which the city is a party.

Clifton Park was condemned during the summer of this year, and the jury awarded therefor the sum of seven hundred and ten thousand dollars ($710,000). I here take occasion to renew the recommendation made in my last annual report, that hereafter all condemnations be in court on the plan set out in the case of the New Court House Ordinances, and also in the ordinance for the condemnation of Carroll Park.

I think that condemnations by Sheriff's Juries are now believed by almost all thoughtful lawyers to be cumbersome, expensive and unsatisfactory, and that justice both to the property holder and the condemning power is better subserved by having the condemnation in court under the eye of a trained judge, where there can be instructions as to the proper measure of damages and intelligent rulings on the admissibility of evidence.

The City Attorney informs me that there are now depending, including the claims of the Mayor and City Council for taxes in different equity and insolvent cases, eighty (80) cases under his control.

No decision was made construing any ordinance in any of the cases tried by him.

Respectfully submitted,

WILLIAM S. BRYAN, Jr.

City Solicitor.

ANNUAL REPORT

— OF THE —

TRUSTEES OF THE POOR

— OF THE —

CITY OF BALTIMORE

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

Officers of the Institution.

BOARD OF TRUSTEES:

SIMON J. KEMP, *President.*

JOHN J. HOFFMAN, *Vice-President.* GEO. A. BLAKE, *Secretary.*

JOHN J. PENTZ. DR. HARRY FRIEDENWALD.

ALEXANDER A. SANNER. JOHN HANNIBAL.

C. W. LEWIS ..... *Superintendent.*

JOHN M. McELROY ..... *Purveyor.*

JOHN R. HAMMETT ..... *Clerk and Storekeeper.*

SUSANNA McCAHAN ..... *Matron.*

JAMES J. FARRALL ..... *Engineer.*

WILLIAM MONTGOMERY ..... *Assistant Engineer.*

JOHN F. BARRINGER ..... *Gardener.*

THOMAS CONNOR ..... *Messenger.*

CHARLES JONES ..... *Baker.*

PATRICK BUTLER ..... *Carriage Driver.*

MEDICAL DEPARTMENT:

DR. R. H. JOHNSON ..... *Resident Physician.*

DR. A. S. HOTALING ..... *Resident Physician.*

DR. C. W. DIDENHOVER ..... *Resident Physician for Insane Department.*

DR. W. S. CARSWELL ..... *Ass't Resident Physician for Insane Department.*

JAMES A. TIERNEY ..... *Apothecaries.*

A. W. McGLANNAN ..... *Apothecaries.*

REPORT.

BAY VIEW ASYLUM,

BALTIMORE, December 31, 1895.

To the Honorable Mayor and City Council of Baltimore City:

GENTLEMEN.—We herewith submit our report showing the manner in which the money entrusted to us has been expended, and in the detailed statements we give you such information as may be necessary for you to understand how the work has been conducted:

The average number of inmates was 56$\frac{7}{12}$ more than the preceding year and the amount spent is about the same.

There were remaining in the institution on December 31, 1895	1,641	Inmates.
Admitted during the year	5,469	"
Born during the year	8	"
Total	7,118	"
Died, discharged and eloped	5,481	Inmates.
In the asylum December 31, 1895	1,637	"
The average number of inmates during the year was	1,402$\frac{3}{12}$	

The amount drawn as per warrant upon the City Comptroller during the year was	$104,961 24
The amount paid by City Register	1,501 85
	$103,459 39
Average number of inmates	1,402$\frac{7}{12}$
Cost per capita	73.78\frac{37}{56}$

A majority of the Board deemed it best for the comfort and safety of the Asylum to put in an electric light plant, and we have paid on account of this permanent improvement the sum of $7,385.92; the amount paid for this is not fairly

chargeable to the cost of maintenance of the inmates for this year; if we deduct this, it leaves $96,073.47 expended, and makes the cost per capita $68.51—$\frac{39}{50}$. The amount of appropriation made by the city for the support of the institution for the year ending December 31, 1895, was $105,000; the amount drawn from the city was $104,961.24, and the amount paid to the City Register was $1,501.85 from Board of Inmates, Resident Students, sale of old material, etc., and the amount of appropriation unexpended is $38.76.

Discipline and good order has been maintained during the year, and we return our thanks to all the officers for their prompt and reliable discharge of their duties, and for the interest they have manifested for the comfort and welfare of the inmates.

Respectfully submitted,

SIMON I. KEMP, *President.*
JOHN J. HOFFMAN, *Vice-President.*
GEORGE A. BLAKE, *Secretary.*
JOHN J. PENTZ,
HARRY FRIEDENWALD, M.D.
ALEXANDER A. SANNER,
JOHN HANNIBAL,

The following named members of the Board were appointed on the date opposite their respective names, and must be considered as making their report from the date of their respective appointments:

Dr. Harry Friedenwald, appointed March 13, 1895; Alexander A. Sanner, appointed March 13, 1895; John Hannibal, appointed June 3, 1895.

MEDICAL DEPARTMENT.

We take great pleasure in stating that the Medical Department renders efficient and good work. It is not too much to say that it will compare favorably with similar institutions. The physicians are attentive to their duties and every facility is given them to administer to the comfort of the patients, and the apparent result has been that we have a remarkably low death rate.

The Board of Trustees beg to acknowledge their thanks to the resident physicians, Drs. R. H. Johnson, A. S. Hotaling, C. W. Didenhover, W. S. Carswell, and to the

visiting professors of the University of Maryland, College of Physicians and Surgeons, and of the Johns Hopkins University, for their faithful and regular attendance.

INSANE DEPARTMENT.

The Trustees take great pleasure in saying that since the practical separation and treatment of the insane from the general department it has been more than gratifying in its results, and is under the charge of separate and distinct medical attendants, all under the direct control of the Johns Hopkins University, who have paid great attention to its continued betterment; so now we point with pride to its efficiency in the treatment of the various degrees of insanity. The Lunacy Commission of the State of Maryland, in their annual reports have spoken words of high commendation in its favor, and we believe that it compares favorably with similar institutions in this country.

We take occasion to render our thanks to the Johns Hopkins University for their past, as well as for their continued efforts.

We acknowledge the very valuable services rendered by Dr. Henry M. Hurd, Dr. H. J. Berkeley, Dr. Van Ness, Dr. Edwin M. Singewald, Dr. George H. Williams and Dr. C. H. Meddirs, and they are eminently entitled to the thanks of the Trustees of Bay View and the City of Baltimore.

FARMING OPERATIONS.

The result of last year in our farming operations has been quite satisfactory. The entire grounds are utilized and fair crops of the various vegetables were raised, which supplied in a large measure the whole household, the result of which was a considerable saving, and added much to the general health of the establishment.

We are making extensive preparations for next year, and have done much to that end, utilizing all the labor we can, so that the best results will be obtained.

BALTIMORE, December 31, 1895.

To the Board of Trustees of the Poor:

GENTLEMEN.—I herewith submit the annual financial report of the Trustees for the year ending December 31, 1885.

Yours with great respect,

JOHN M. McELROY, *Purveyor.*

FINANCIAL EXHIBIT FOR 1895.

Showing the Amount Received by the Trustees During the Year Terminating December 31, 1895; the Source from Whence Derived and the Purpose for Which Disbursements Were Made and the Amount Expended.

1895.	Dr.	1895.	Cr.
Dec. 31—To amount received from City Comptroller on account of annual appropriation	$104,961 24	Dec. 31—By balance paid for supplies, embracing food, fuel, clothing, bedding and other necessaries	$61,330 10
To amount received for sale of bones, rags, grease, barrels, old iron, offals, etc	145 85	By amount expended on farm account, embracing provender for horses and cows, repair of carriages and wa ons and harness, purchase and repairs of carriages and farm implements, shoeing animals and such other expenditures as are properly chargeable to farm account	5,498 54
To amount received from Board of Inmates	992 00	By amount paid for hospital stores	5,301 03
To amount received from Board of Resident Students	256 70	By amount paid for expenses incurred in repairs about the buildings and fences	3,453 14
To amount received from sale of medicines	33 30	By amount paid for salaries and hire account	20,666 51
To amount received from sale of live stock	10 00	By amount paid Trustees per diem	1,326 00
To amount received from Trustees	64 00	By amount paid City Register, as required by ordinance of the city	1,501 85
		By amount for equipment for electric plant	7,385 92
	$106,463 09		$106,463 09

REPORT AND TABULAR STATEMENT

— OF THE —

SUPERINTENDENT,

MARKED "A" TO "M,"

FOR THE YEAR 1895.

REPORT.

BALTIMORE, December 31, 1895.

To the Board of Trustees for Bay View Asylum:

GENTLEMEN.—I most respectfully beg leave to submit my annual report for the year ending December 31, 1895:

The buildings are in good repair. Whitewashing and painting are being carried on continually, so that the sanitary condition is good. Out-houses, barns, stables, etc., are in good condition. Fences are in fair repair, but some are very old and need replacing by more substantial ones.

Many improvements have been made during the year with inmate help and with but little cost. I have at all times made it a point to keep at work as many of the inmates as possible. It has been my constant aim to prevent idleness, and in this I have succeeded fairly well.

I have kept employed on the farm a large number of inmates, and as will be seen in the Gardener's Report, the productions have been good.

The spiritual welfare of the inmates has not been neglected. Religious services by the ministers of the various denominations are held on Sunday and during the week.

The rule adopted by you gentlemen two years ago of the Superintendent issuing all orders for stores, etc., has again shown its efficiency.

The physicians, officers, matron and attendants have been faithful in the discharge of their respective duties.

I am indebted to the Rev. Dr. Leakin, Rev. William Wiggins, Father Wertinger, the Local Preachers' Association M. E. Church, German Lutheran Association, St. Vincent's de Paul Society and the various missionary societies for religious work among the inmates.

In conclusion, gentlemen, permit me to thank you for your confidence. I will continue to govern with kindness and discretion, and I trust to the satisfaction of all.

Respectfully,

C. W. LEWIS, *Superintendent.*

TABLE A.

Showing the Number of Persons Admitted, Born, Discharged, Eloped, Died; Also the Number Remaining at the Expiration of Each Month for the Year Ending December 31, 1895.

1895.	Admitted.	Born.	Discharged.	Eloped.			Died.	Remaining.
				From Bay View.	From Pass.	Total.		
January	626	1	578	3	18	21	27	1,642
February	991		804	5	35	40	34	1,755
March	643	1	773	6	37	43	21	1,562
April	231		458	3	16	19	23	1,293
May	167		273	3	18	21	27	1,139
June	204	1	131	3	19	22	19	1,172
July	286	2	198	4	20	24	18	1,220
August	254		184	2	14	16	20	1,254
September	343	2	213	3	19	22	17	1,347
October	396		315	7	26	33	29	1,366
November	549	1	345	6	26	32	12	1,527
December	779		592	21	33	54	23	1,637
Total	5,469	8	4,864	66	281	347	270	16,914

On the books December 31, 1894		1,641
Total ingress		5,477
		7,118
Total egress		5,481
In the house December 31, 1895		1,637

TABLE B.

Showing the Birthplace of Persons Admitted to the Almshouse from January 1, 1895, to December 31, 1895, Inclusive.

Natives.		Foreigners.	
Baltimore	1,054	Ireland	1,456
Pennsylvania	370	Germany	598
New York	368	England	184
Maryland	313	Scotland	92
Virginia	200	Sweden	29
Massachusetts	119	Poland	27
District Columbia	63	Canada	26
Ohio	50	France	25
New Jersey	43	Russia	23
Connecticut	37	Wales	21
North Carolina	32	Austria	20
Illinois	29	Denmark	20
Delaware	27	Switzerland	14
Rhode Island	20	Italy	11
Missouri	18	Bohemia	11
South Carolina	14	Norway	6
Louisiana	12	Bavaria	5
Kentucky	12	Belgium	5
Michigan	12	Australia	3
Georgia	9	South America	3
Maine	7	St. Helena	3
Vermont	7	Greece	3
Tennessee	7	Finland	3
California	8	Holland	2
Texas	5	Africa	2
West Virginia	4	West Indies	1
New Hampshire	4	Saxony	1
Indiana	4	Moravia	1
Florida	3	Spain	1
Wisconsin	3	East India	1
Minnesota	3	At sea	1
Kansas	3		
Mississippi	2		
Oregon	2		
Iowa	1		
Dakota	1		
Alabama	1		
Almshouse	8		
Unknown	4		
Total	2,879		2,598
		Natives	2,879
		Total	5,477

TABLE C.

Showing the Ages of Persons Admitted to the Almshouse from January 1, 1895, to December 31, 1895, Inclusive.

Under 1 year	3	From 60 to 70 years	406
From 1 to 10 years	3	" 70 " 80 "	123
" 10 " 20 "	80	" 80 " 90 "	26
" 20 " 30 "	1,167	" 90 " 100 "	1
" 30 " 40 "	1,647	Unknown	3
" 40 " 50 "	1,290	Born in Almshouse	8
" 50 " 60 "	720		
			5,477

TABLE D.

Showing the period of Residence in the City of all Persons Admitted to the Almshouse from January 1, 1895, to December 31, 1895, Inclusive.

Born in Baltimore	1,054	Six months and less than twelve	121
Less than one week	67	One year and less than two.	161
One week and less than one month	73	Over two years	3,741
One month and less than three.	85	Unknown	41
Three months and less than six	126	Born in Almshouse	8
		Total	5,477

TABLE E.

Showing the Habits of Persons Admitted to the Almshouse from January 1, 1895, to December 31, 1895, Inclusive.

Intemperate adults	4,838	Children of intemperate adults	2
Temperate adults	618	Children of temperate adults	14
Unknown	5		
Total			5,477

TABLE F.

Showing the Daily and Monthly Averages of Persons Admitted to the Almshouse from January 1, 1895, to December 31, 1895, Inclusive.

1895.	White.			Colored.			Total Daily Average.	Where From.		Totals.
	Men.	Women.	Children.	Men.	Women.	Children.		Natives of City and One Year's Residence.	Elsewhere.	
January	1,005	352	16	116	110	4	1,603	1,166	437	1,603
February	1,152	354	16	128	107	3	1,760	1,314	446	1,760
March	1,036	350	15	126	111	3	1,641	1,205	436	1,641
April	794	340	15	110	110	4	1,373	981	392	1,373
May	649	345	14	100	113	3	1,224	852	372	1,224
June	567	344	15	97	110	3	1,136	777	359	1,136
July	641	351	14	93	114	4	1,217	856	361	1,217
August	657	355	12	98	113	4	1,239	885	354	1,239
September	686	353	12	102	111	4	1,268	924	344	1,268
October	752	358	14	102	107	4	1,337	1,004	333	1,337
November	850	360	13	108	110	3	1,444	1,068	376	1,444
December	965	365	13	126	112	3	1,584	1,155	429	1,584
Total	9,754	4,227	169	1,306	1,328	42	16,826	12,187	4,639	16,826
Monthly average	$812\frac{10}{12}$	$352\frac{3}{12}$	$14\frac{1}{12}$	$108\frac{10}{12}$	$110\frac{8}{12}$	$3\frac{6}{12}$	$1,402\frac{3}{12}$	$1,015\frac{7}{12}$	$386\frac{7}{12}$	$1,402\frac{3}{12}$

TABLE G.

Showing the Number of Persons Committed to the Almshouse by Magistrates, and Their Age, Sex, Color and Period of Commitment, from January 1, 1895, to December 31, 1895, Inclusive.

1895.	Sex and Age.			Color.			Period of Commitm't.			
	Males Over 21.	Females Over 18.	Total.	White.	Colored.	Total.	Under 3 Months.	3 and 6 Months.	6 Months. and Over.	Total.
January	12	1	13	12	1	13	3	7	3	13
February	8	1	9	7	2	9	6	2	1	9
March	8	2	10	8	2	10	6	3	1	10
April	7	.....	7	7	.....	7	3	3	1	7
May	7	2	9	8	1	9	1	2	6	9
June	4	3	7	7	.....	7	3	3	1	7
July	6	2	8	8	.....	8	4	3	1	8
August	6	3	9	5	4	9	5	1	3	9
September	2	1	3	3	.....	3	.....	1	2	3
October	3	1	4	4	.....	4	1	1	2	4
November	7	3	10	8	2	10	7	2	1	10
December	9	1	10	8	2	10	1	6	3	10
Total	79	20	99	85	14	99	40	34	25	99

TABLE H.

Showing the Birthplace of Persons Committed to the Almshouse as Vagrants, etc., by Magistrates, from January 1, 1895, to December 31, 1895, Inclusive.

Natives.		Foreigners.	
Baltimore	28	Germany	15
Maryland	9	Ireland	11
Pennsylvania	9	France	3
New York	3	Russia	3
Georgia	3	Poland	3
Virginia	2	England	2
Massachusetts	1	Switzerland	1
Delaware	1	Bavaria	1
Alabama	1	South America	1
Illinois	1		
Kansas	1	Foreigners	40
		Natives	59
Total	59	Total	99

TABLE I.

Showing the Number of Births and Deaths in each Month, also the Sex and Color, from January 1, 1895, to December 31, 1895, Inclusive.

1895.	Births.				Deaths, Adults.				Deaths, Children.	
	White Males.	White Females.	Colored Males.	Total.	White Males.	White Females.	Colored Males.	Colored Females.	White Males.	Total.
January		1		1	13	4	6	4		27
February					18	4	7	5		34
March			1	1	6	5	6	4		21
April					13	1	8	1		23
May					12	11	3	1		27
June	1			1	6	3	6	4		19
July	1		1	2	4	2	8	3	1	18
August					9	3	4	4		20
September		2		2	11	1	3	2		17
October					15	5	6	3		29
November		1		1	7	1	3	1		12
December					10	3	7	3		23
Total	2	4	2	8	124	43	67	35	1	270

TABLE K.

Showing Work Done by Inmates from January 1, 1895, to December 31, 1895, Inclusive.

23,250 days' labor, at $1	$23,250 00
3,300 days' washing and ironing, at 50 cents	1,650 00
1,240 days' carpentering, at $1.50	1,860 00
306 days' upholstering, at $1.50	459 00
1,240 days' painting and glazing, at $1.50	1,860 00
460 days' tinning, etc., at $1.50	690 00
1,530 days' tailoring, at $1.50	2,295 00
930 days' shoemaking, at $1.50	1,395 00
611 days' blacksmithing, at $1.50	916 50
3,465 shirts made, at 12 cents	415 80
1,079 undergarments made, at 15 cents	161 85
700 dresses made, at 30 cents	210 00
1,217 pairs of drawers made, at 20 cents	243 40
84 pairs of stockings made, at 20 cents	16 80
499 aprons made, at 5 cents	24 95
131 flannel shirts made, at 15 cents	19 65
115 pairs flannel drawers made, at 20 cents	33 00
452 bed ticks made, at 15 cents	67 80
397 bed sheets made, at 15 cents	59 55
18 window curtains made, at 10 cents	1 80
23 jackets made, at 20 cents	4 60
360 towels made, at 5 cents	18 00
39 slips made, at 20 cents	7 80
167 bed quilts made, at $1.50	250 50
819 pillow cases, at 15 cents	122 85
233 pillow ticks made, at 5 cents	11 65
24 mosquito nets made, at 50 cents	12 00
Total	$36,057 50

TABLE L.

Showing the Quantity of Clothing Issued to the Inmates from January 1, 1895, to December 31, 1895, Inclusive.

1895.	Pairs of Shoes and Slippers.	Shirts.	Undershirts.	Flannel Undershirts.	Pairs of Men's Hose.	Pants.	Vests.	Coats.	Suits of Clothes.	Overalls.	Jumpers.	Jackets.	Hats.	Drawers.	Flannel Drawers.	Slips.	Dresses.	Aprons.	Women's Hose.	Women's Undergarments, etc.
January	145	154	136	21	372	45	10	4	120	....	....	....	7	102	21	4	88	16	83	157
February	84	251	79	19	332	22	3	2	29	....	....	1	17	45	21	6	104	50	80	156
March	121	355	104	9	300	38	17	2	32	1	....	4	40	114	12	....	50	60	86	140
April	152	100	193	8	248	28	7	6	20	....	....	....	8	145	1	....	42	34	82	112
May	99	270	77	....	226	21	3	2	16	42	....	....	111	149	2	....	56	13	78	82
June	93	299	48	4	208	11	....	1	5	41	3	4	26	105	4	2	65	57	70	36
July	78	238	31	6	178	17	....	....	1	56	5	....	9	58	2	....	31	65	84	34
August	94	82	48	1	232	6	2	1	....	56	....	....	....	86	2	....	35	35	71	54
September	143	183	30	11	302	6	3	1	2	29	1	10	....	122	4	13	30	47	88	59
October	181	110	56	29	231	30	12	4	20	18	7	2	36	125	21	2	36	40	96	76
November	148	282	77	14	264	31	3	2	31	18	4	2	48	115	18	12	99	49	89	108
December	114	226	36	9	212	21	6	1	6	4	....	....	....	51	7	....	64	33	90	65
Total	1,454	2,550	915	131	3,105	276	66	26	282	265	20	23	302	1,217	115	39	700	499	997	1,079

TABLE M.

Showing the Names, Quantity and Average Cost of Articles Purchased for the Institution from January 1, 1895, to December 31, 1895.

A.

Alcohol	22 gallons	at $2.50 per gallon.
Apples, green	20 barrels	at $2.25 per barrel.
Apples, dried	782 lbs	at 4½ cents per lb.
Axle grease	193 lbs	at 3½ cents per lb.
Advertising, proposals and wants		at $320.18.
Auxiliary, fire-alarm, rental		at $200.00.

B.

Brushes, paint	3 5/12 dozen	at $3.52 per dozen.
Brushes, whitewash	6½ dozen	at $13.50 per dozen.
Brushes, scrub	9 dozen	at $1.25 per dozen.
Brushes, dust	5 dozen	at $4.60 per dozen.
Brushes, shaving	1½ dozen	at $2.17 per dozen.
Brushes, stencil	½ dozen	at $2.40 per dozen.
Brooms, corn	69 dozen	at $2.75 per dozen.
Brooms, street	2 dozen	at $5.50 per dozen.
Buckets	43 dozen	at $3.01½ per dozen.
Butter	8,970 lbs	at 20⅑ cents per lb.
Bacon, shoulder	47,387 lbs	at 6⅜ cents per lb.
Bacon, shoulder, S. C	4,549 lbs	at 7⅜ cents per lb.
Bacon, ham	3,586 lbs	at 10½ cents per lb.
Beef, general house	185,850 lbs	at 4 64/100 cents per lb.
Beef, centre house	16,272 lbs	at 9 66/100 cents per lb.
Beef, corned	1,085 lbs	at 4 61/100 cents per lb.
Barley	3,300 lbs	at 2⅝ cents per lb.
Beans	234 bushels	at $1.89 per bushel.
Blankets	150	at 96⅔ cents each.
Bed clothing, comforting for	569 yards	at 9½ cents per yard.
Bed comforting, calico for	4,455 yards	at 5½ cents per yard.
Bed ticking	3,136 yards	at 11⅜ cents per yard.

C.

Candles	120 lbs	at 10 cents per lb.
Cheese	266 lbs	at 12¾ cents per lb.
Crackers, soda	359 lbs	at 8 cents per lb.
Crackers, water	1,609 lbs	at 7 cents per lb.
Cakes, assorted	3,001 lbs	at 8½ cents per lb.
Coffee, Rio	19,456 lbs	at 16⅛ cents per lb.
Coffee, Java	1,864 lbs	at 25 1/10 cents per lb.
Coffee essence	2,568 lbs	at 4¼ cents per lb.
Coal, Cumberland	2,056 620/2240 tons	at $3.01⅛ per ton.
Coal, Sunbury	325 960/2240 tons	at $4.09 per ton.
Charcoal	120 bags	at 40 cents per bag.
Cement	165 barrels	at $1.78 per barrel.

TABLE M—Continued.

Construction account			$107.85.
Crash, various	705 yards	at	9⅛ cents per yard.
Cotton bats	450 lbs	at	8⅜ cents per lb.
Cotton, spool	200 dozen	at	36 cents per dozen.
Combs, fine	22 dozen	at	45 cents per dozen.
Combs, dress	9 dozen	at	60 cents per dozen.
Combs, Rubber	3 dozen	at	75 cents per dozen.
Clothing, men's ready-made	100 suits	at	$5.23 each.
Clothing, men's hose	259¼ dozen	at	66⅔ cents per dozen.
Clothing, men's hats, wool	7 1/12 dozen	at	$3.00 per dozen.
Clothing, men's hats, straw	10 dozen	at	$1.75 per dozen.
Clothing, men's suspenders	10 dozen	at	$2.25 per dozen.
Clothing, men's handkerchiefs	28 dozen	at	78 cents per yard.
Clothing, men's wear	2,783 yards	at	15¼ cents per yard.
Clothing, men's blue jean	1,034 yards	at	10 cents per yard.
Clothing, men's bleached trill	42 yards	at	7 cents per yard.
Clothing, (insane) men's cotton duck.	110 yards	at	35 cents per yard.
Clothing, men's cheviot shirting	7,176 yards	at	5¾ cents per yard.
Clothing, women's hose	76 dozen	at	76 cents per dozen.
Clothing, women's hats, straw	7⅔ dozen	at	$2.00 per dozen.
Clothing, women's hats, wool	1/12 dozen	at	$12.00 per dozen.
Clothing, women's handkerchiefs	3 dozen	at	$2.25 per dozen.
Clothing, women's corset jeans	107 yards	at	5⅓ cents per yard.
Clothing, women's dark drilling	126 yards	at	4½ cents per yard.
Clothing, women's seersucker	50 yards	at	9⅓ cents per yard.
Clothing, women's gingham, etc.	1,320 yards	at	6 43/100 cents per yard.
Clothing, women's satinette, etc.	695 yards	at	8⅓ cents per yard.
Clothing, women's black merino	26 yards	at	22½ cents per yard.
Clothing, women's domestic plaids	3,031 yards	at	4⅞ cents per yard.
Clothing, women's skirting	702 yards	at	10½ cents per yard.
Clothing, flannel, red	129 yards	at	21 cents per yard.
Clothing, flannel, Canton	346 yards	at	9⅓ cents per yard.
Clothing, flannel, Canton, for lining	127 yards	at	7½ cents per yard.

D.

Drugs and hospital requisites			$2,858.85.
Disinfectant	10 gallons	at	52½ cents per gallon.

E.

Eggs	14,988 dozen	at	16⅔ cents per dozen.
Engineer's stores and repairs			$1,503.91.
Electric light plant, power-house and attendant expenses of locating same			$7,385.92.

F.

Furniture, carpets and repairs			$485.37.
Farm and stable expenses			$488.22.

TABLE M—Continued.

Feed, white chop	40,000 lbs	at $95\frac{1}{4}$ cents per cwt.
Feed, yellow chop	10,000 lbs	at $\$1.05\frac{1}{2}$ per cwt.
Feed, bran	64,000 lbs	at 91 cents per cwt.
Feed, oats	700 bushels	at $36\frac{1}{7}$ cents per bushel.
Feed, grain	$4,937\frac{1}{2}$ bushels	at 8 cents per bushel.
Feed, slop	425 loads	at 40 cents per load.
Feed, ear corn	20 barrels	at $2.00 per barrel.
Feed, hay	$80\frac{378}{2240}$ tons	at $12.37 per ton.
Flour, family, for general house	2,225 barrels	at $\$3.19\frac{1}{4}$ per barrel.
Flour, family, for centre house	51 barrels	at $4.71 per barrel.
Fish, mackerel	5 barrels	at $19.30 per barrel.
Fish, herring	1 barrel	at $5.00 per barrel,
Fish, herring, fresh	11,300	at $4.05 per thousand.
Fish, cod	80 lbs	at $3\frac{7}{8}$ cents per lb.

G.

Glass, window	8 boxes	at $1.98 per box.
Glass and queensware		$120.37.
Gum sheeting	245 yards	at 94 cents per yard.
Glue	20 lbs	at 18 cents per lb.

H.

Harness and repairs		$93.19.
Hardware		$226.64.
Hollands, for curtains	62 yards	at 24 cents per yard.
Hominy	15 barrels	at $2.93 per barrel.
Hops	160 lbs.	at 25 cents per lb.

I.

Ice, northern	$61\frac{350}{2000}$ tons	at $5.00 per ton.
Insurance		$114.82.
Instruments, surgical		$188.78.

L.

Livestock		$492.50.
Lead, white, in oil	1,983 lbs	at $5\frac{70}{100}$ cents per lb.
Lumber		$440.21.
Leather, sole	1,152 lbs	at $28\frac{1}{4}$ cents per lb.
Leather, calf-skins	7	at $2.56 each.
Lime, chloride	2,145 lbs	at 4 cents per lb.
Lime, whitewash	68 lbs	at $1.00 per barrel.
Lard	445 lbs	at $7\frac{1}{8}$ cents per lb.

M.

Muslin, brown	10,405 yards	at $5\frac{27}{100}$ cents per yard.
Muslin sheeting	632 yards	at $11\frac{3}{8}$ cents per yard.
Milk	7,657 gallons	at 16 cents per gallon.

TABLE M—Continued.

Meal, corn	4,500 lbs.	at $1\frac{23}{100}$ cents per lb.
Meal, buckwheat	300 lbs	at $1\frac{7}{8}$ cents per lb.
Mutton, centre house	2,423 lbs.	at 8 cents per lb.
Mutton, general	28,950 lbs.	at $2\frac{3}{4}$ cents per lb.
Malt	6 bushels	at $1.10 per bushel.
Molasses	1,044 gallons.	at 15 cents per gallon.
Matches	170 gross	at 56 cents per gross.
Music for insane department		$193.20.
Miscellaneous		$782.81.

N.

Nails	4 kegs	at $2.28 per keg.
Notions		$88.25.

O.

Oil, lard	157 gallons	at $57\frac{1}{2}$ cents per gallon.
Oil, linseed	70 gallons	at $60\frac{1}{2}$ cents per gallon.
Oil, gas	327 barrels	at $5.28 per barrel.
Paints, etc		$149.76 .

P.

Putty	100 lbs	at 3 cents per lb.
Poultry	6,739 lbs.	at $11\frac{1}{6}$ cents per lb.
Peas, dried, green	$106\frac{39}{60}$ bushels	at $1.05 per bushel.
Pies	2,700	at 6 cents each.
Periodicals (including Annual Report)		$134.80.
Rice	8,614 lbs.	at $4\frac{1}{4}$ cents per lb.
Repairs, general		$39.00.

S.

Shoes, men's	878 pairs	at $1.05 per pair.
Shoes, women's	392 pairs	at 90 cents per pair.
Slippers, men's	96 pairs	at 69 cents per pair.
Slippers, women's	166 pairs	at 57 cents per pair.
Shoe findings		$18.89.
Shoe laces, linen	25 gross	at 50 cents per gross.
Shoe laces, leather	42 gross	at 60 cents per gross.
Shoeing, smithing and repairing		$420.13.
Stoves, repairs and utensils		$159.00.
Straw	$71\frac{948}{2000}$ tons	at $7.75 per ton.
Sal-soda	2,250 lbs.	at $92\frac{1}{2}$ cents cwt.
Spectacles	14 dozen	at $2.50 per dozen.
Spoons	22 dozen	at 60 cents per dozen.
Snuff	430 lbs.	at 40 cents per lb.
Soap, brown	14,360 lbs.	at $3\frac{1}{2}$ cents per lb.
Soap, white laundry	10,667 lbs.	at $5\frac{1}{2}$ cents per lb.
Soap, toilet	200 lbs.	at 4 cents per lb.
Sugar, brown	20,579 lbs.	at $3\frac{58}{100}$ cents per lb.

TABLE M—Concluded.

Sugar, white	12,749 lbs.	at $4\frac{40}{100}$ cents per lb.
Salt, fine	81 sacks	at $83\frac{1}{2}$ cents per sack.
Salt, G. A.	43 sacks	at 54 cents per sack.
Spices		$62.43
Starch, corn	960 lbs.	at 6 cents per lb.
Starch, laundry	480 lbs.	at $4\frac{1}{8}$ cents per lb.

T.

Tea, Gunpowder	465 lbs.	at 50 cents per lb.
Tea, green and black	1,664 lbs.	at 25 cents per lb.
Tobacco	7,259½ lbs.	at $18\frac{40}{100}$ cents per lb.
Tin	5 boxes	at $9.70 per box.
Tin, solder for	71 lbs.	at $14\frac{1}{4}$ cents per lb.
Tin cans	1,000	at 2 cents each.
Towels	9 dozen	at $1.92 per dozen.
Thread, linen	100 lbs.	at $1.25 per lb.
Transportation, Physicians University of Maryland and College of Physicians and Surgeons		$500.00.

V.

Veal	873 lbs.	at 10 cents per lb.
Vinegar	435 gallons	at 12 cents per gallon.
Vegetables, potatoes	3,717½ bushels	at $49\frac{3}{4}$ cents per bushel.
Vegetables, turnips	380 bushels	at 22 cents per bushel.
Vegetables, onions	$18\frac{3}{4}$ bushels	at 60 cents per bushel.
Vegetables, cabbage	3,000 heads	at $3.50 per hundred.
Varnish, asphaltum	$155\frac{1}{2}$ gallons	at 65 cents per gallon.

W.

Whiskey, dispensary	$453\frac{1}{2}$ gallons	at $2.00 per gallon.
Wood, pine	$53\frac{3}{8}$ cords	at $2.67 per cord.

REPORT OF THE ENGINEER.

BAY VIEW ASYLUM,

BALTIMORE, January 1, 1896.

To the Honorable Board of Trustees:

GENTLEMEN.—I herewith present this, my annual report, of the institution as Engineer for the year ending December 31, 1895.

Very respectfully,

JAMES J. FARRELL, *Engineer.*

TOTAL AMOUNT OF GEORGE'S CREEK COAL CONSUMED, AND BY WHAT DEPARTMENT OF THE INSTITUTION.

Departments.	Pounds.	Tons.	Pounds.
Tubular boilers	4,464,830	1,993	510
Blacksmith shop	8,400	3	1,680
	4,473,230	1,996	2,190

TOTAL AMOUNT OF SUNBURY COAL CONSUMED, AND BY WHAT DEPARTMENT OF THE INSTITUTION.

Departments.	Pounds.	Tons.	Pounds.
Centre house kitchen	101,920	45	1,120
Matron's kitchen	43,680	19	1,120
Ironing room	39,125	17	1,045
Bake house	82,680	36	2,040
Pest hospital	98,620	44	60
Insane hospital	52,400	23	880
Main gate	11,550	5	350
East gate	10,500	4	1,540
West gate	7,350	3	630
Carpenter shop	12,600	5	1,400
	460,425	201	10,185

George's Creek Coal on hand December 31, 1895 .....50 tons.
Sunbury Coal on hand December 31, 1895.....224 tons; 1,975 p.

REPORT OF THE GARDENER.

BAY VIEW ASYLUM,

BALTIMORE, January 1, 1896.

To the Honorable Board of Trustees:

GENTLEMEN.—I herewith most respectfully submit this, my annual report, as Gardener of this institution for the year closing December 31, 1895.

Respectfully,

JOHN F. BARRANGER,
Gardener.

REPORT OF THE GARDENER.

Articles.	Bushels.	Bunches.	Dozen.	Gallons.	Pounds.	Tons.	No. of.	Prices.	Totals.
Cabbage							20438	$3 00	$613 14
Tomatoes	804¾							75	603 57
Potatoes	998½							50	499 25
Turnips	859½							40	343 80
Carrots	195							75	146 25
Carrots		383						5	19 15
Parsnips	378½							50	189 25
Celery		3132						8	250 56
Egg Plants			61					50	30 50
Radishes		3419						2	68 38
Green Peas	247½							75	185 62
String Beans	103¾							50	51 88
Leeks		1655						3	49 65
Parsley		7820						2	156 40
Lettuce							830	5	41 50
Onions	368							75	276 00
Spring Onions		7355						3	220 65
Onion Sets	12							5 00	60 00
Broccoli	81							50	40 50
Thyme		3840						2	76 80
Sage		425						2	8 50
Lima Beans	9½							75	7 12
Beets	83							50	41 50
Beets		1281						4	51 24
Peppers	1½							2 00	3 00
Cabbage Sprouts	26							20	5 20
Kale	518							25	129 50
Gumbos	30½							2 00	61 00
Horse Radish							107	5	5 35
Cymlings			254⅛					10	25 42
Green Corn			246¾					12	29 61
Butter					1337			25	334 25
Eggs			1586					20	317 20
Milk				22067				16	3,530 72
Pigs							4	2 50	10 00
Pork					16822			5½	925 21
Green Rye						51	loads	50	25 50
Green Oats						50	loads	50	25 00
Green Corn						178	loads	50	89 00
Rye Straw						10		10 00	100 00
Clover and Timothy Hay						10		12 00	120 00
Sand						250	loads	50	125 00
Ice					2000			1 50	300 00
Total									$12,892 17

REPORT OF THE BAKER.

Bay View Asylum,

Baltimore, January 1, 1896.

To the Honorable Board of Trustees:

Gentlemen.—I hereby most respectfully present this, my annual report, as Baker of this institution for the year ending December 31, 1895.

Respectfully,

Charles Jones,
Baker.

Flour received		2,317 barrels.
Loaves on hand January 1, 1895	1,431	
Loaves of bread baked	564,912	
Total	566,343	
Loaves of bread delivered	564,318	
Loaves on hand January 1, 1896	2,025	
Weight of bread baked		706,140 lbs.
Average weight of each loaf		1 lb., 4 ozs.

REPORT

—OF THE—

Medical and Surgical Departments.

BAY VIEW HOSPITAL.

RESIDENT PHYSICIANS:

A. S. HOTALING, M.D. R. H. JOHNSTON, M.D.

ASSISTANT RESIDENT PHYSICIANS:

ARTHUR HAWKINS, M.D. LEE COHEN, M.D.

CLINICAL ASSISTANT PHYSICIAN:

R. A. WARNER, M.D.

VISITING STAFF.

PHYSICIANS:

THOMAS S. LATIMER, M.D. JOSEPH T. SMITH, M.D.
GEORGE J. PRESTON, M.D. WILLIAM B. CANFIELD, M.D.
C. HAMPSON JONES, M.D. T. W. CLARK, M.D.
JULIUS FRIEDENWALD, M.D. JOSEPH E. GICHNER, M.D.

SURGEONS:

CHARES F. BEVAN, M.D. J. HOLMES SMITH, M.D.
J. W. CHAMBERS, M.D., JOHN G. JAY, M.D.
J. H. BRANHAM, M.D. I. R. TRIMBLE, M.D.
HARRY FRIEDENWALD, M.D. FRANK MARTIN, M.D.
WILLIAM F. SMITH, M.D.

NEUROLOGISTS:

GEORGE J. PRESTON, M.D. H. J. BERKELEY, M.D.

GYNECOLOGIST:

THOMAS OPIE, M.D.

PATHOLOGISTS:

N. G. KIERLE, M.D, CASPER O. MILLER, M.D.

REPORT OF THE RESIDENT PHYSICIANS.

Bay View Asylum,

Baltimore, December 31, 1895.

To the Honorable President and Members of the Board of Trustees:

Gentlemen.—We have the honor to submit the following as the annual report of the Medical and Surgical Departments of this institution for the year ending December 31, 1895.

By the accompanying tabulated statement it will be seen that there were treated in the various wards from January 1, 1895, to December 31, 1895, 2,882 cases.

This statement does not include many hundred cases treated in the sleeping-rooms, chronic wards and dispensary, of too trivial a nature to merit actual hospital treatment.

If the constitution of the class of patients we receive for treatment is taken into consideration, the mortality record compares most favorably with other and similar institutions.

The general health of the inmates has been good, and we have been singularly free from epidemics.

To the visiting staff of medical officers, who have been faithful in their attendance, and who have conscientiously directed our efforts in the treatment of the sick under our charge, we extend our deepest gratitude.

To our assistants, Doctors Hawkins and Cohen, and our druggists, James A. Tierney and A. W. McGlannan, we are under many obligations.

To you, gentlemen of the Board, we desire to express our thanks for all favors and assistance rendered us in the performance of our duties.

We are, respectfully yours,

A. S. Hotaling,
R. H. Johnston.

MEDICAL AND SURGICAL STATISTICS.

Medical Diseases.

Classified according to the nomenclature as published by the Royal College of Physicians of London and American Medical Association.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
General Diseases.						
A.						
Anæmia, idiopathic	6	6				
" simple	3	3				
Erysipelas, facial	5	5				
" of leg	4	4				
" cellulo-cutaneous	9	8				1
Fever, intermittent	152	152				
" remittent	12	12				
" typhoid	5	4				1
Parotiditus	4	4				
Rubeola	1	1				
B.						
Alcoholism	75	55	15	1	2	2
Delirium tremens	1	1				
Malingering	6		4	2		
Malarial cachexia	32	31				1
Rheumatism, acute articular	23	21	1			1
" chronic	62		40	14		8
" sub-acute	40	13	25	1		1
" gonorrheal	8	4	3			1
" syphilitic	6	1	5			
Senility	35		5		25	5
Diseases of the Circulatory System.						
Aneurism, aortic	1					1
Apoplexy	6		1		5	
Arterio, sclerosis	6			3	3	
Cardiac hypertrophy	1		1			

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Endocarditis	1		1			
Heart, aortic stenosis	29		14	3	8	4
" " regurgitation	43		28	4	4	7
" mitral stenosis	3					3
" " regurgitation	28		16	6	3	3
Phlebitis	1	1				
Diseases of the Respiratory System.						
Asthma	16	1	9	3		3
Bronchitis, acute	54	50	1		1	2
" sub-acute	14	13				1
" capillary	2	2				
" chronic	31		18	6		7
Congestion lungs	1				1	
Coryza, acute	30	30				
Emphysema	21		9	7		5
Empyema	1		1			
Hemorrhage lungs	3				3	
Influenza	38	38				
Laryngitis, acute	3	3				
" sub-acute	5	5				
" chronic	11	2	9			
" syphilitic	1		1			
" tubercular	4		1	2		1
Nasal polypi	2	1				1
Oedema lungs	5				5	
Pleurisy, acute	16	14				2
" chronic	8		6	1	1	
Pneumonia, catarrhal	7	1			6	
" lobar	47	19			20	8
Phthisis, Florida	2				2	
" pulmonalis	209		68	22	66	53
Rhinitis, atrophic	6		4	2		
" hypertrophic	13		10	3		
" syphilitic	2		2			
Diseases of the Digestive System.						
Atonic dyspepsia	6	6				
Calculi, hepatic	1		1			
Cholera morbus	6	6				

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.					Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.		
Cirrhosis of liver	4			2	2		
Chronic constipation	34		28	6			
Diarrhœa, acute	44	41	1				2
" chronic	24	1	5	1	13		4
" tubercular	12		12				
Dysentery, acute	14	14					
" chronic	5		2		3		
Enteralgia	3	3					
Gastritis, sub-acute	6	5	1				
" chronic	7		5	2			
Gastro-enteritis	5	4			1		
Glossitis, acute	1	1					
Hepatitis	1			1			
Jaundice, catarrhal	7	6	1				
Perihepatitis	1			1			
Peritonitis, pelvic	1	1					
Stomatitis, ulcerative	3	3					
Thrush	3	3					
Taenia solium	2	2					
Ulcer of stomach	3	2			1		
Diseases of the Fauces and Palate.							
Catarrh, post-nasal	8		5	3			
Pharyngitis, acute	11	11					
" chronic	8		6	2			
Tonsillitis, simple	13	13					
" follicular	8	8					
" ulcerative	8	8					
Diseases of the Cutaneous System.							
Alopecia, areata	1			1			
Dermatitis, medica menta	3	3					
" rhus	4	4					
" venenata	3	3					
Eczema, acute	4	4					
" chronic	8		6	2			
Lupus	1			1			
Pediculosis, caputis	14	14					
" corporis	8	8					
" pubis	36	36					

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Psoriasis	2		2			
Scabies	1	1				
Tinea Sycosis	3	3				
Urticaria	3	3				
Diseases of the Urinary System.						
Bright's disease, acute	3				2	1
" " chronic	34		7	1	10	16
Cystitis	25	12	6	2	1	4
Calculi, renal	1		1			
Diabetes, insipidus	1					1
" mellitus	1					1
Ectopia, renis	1			1		
Pyelitis	1			1		
Diseases of the Ear.						
Cerumen, impacted	20	20				
Otitis, externa	4	4				
" media	13	1	11	1		
Diseases of the Eye.						
Blepharitis, marginalis	10	10				
Cataract	11	4		3		4
Choroiditis	2					2
Conjunctivitis, simple	8	8				
Corneal ulcer	3	3				
Ectropion	2			2		
Epiphara	1	1				
Enucleation eye	1	1				
Glaucoma	3			1		2
Iritis	8	8				
Iridectomy	3	3				
Lachrymal abscess	1	1				
Optic neuritis	5			3		2
Ophthalmia neon	1			1		
Keratitis	1	1				
Pterygium	3	3				
Ptosis, traumatic	1	1				
Retinitis pigmentosa	4			2		2

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Strabotomy	3	3				
Strabismus convergent	1					1
Trachoma	3			3		
Diseases of the Nervous System.						
Athetosis	1					1
Cephalalgia	20	20				
Chorea	2			1		1
Catalepsy	2			2		
Dementia, senile	4			2		2
Epilepsy	21		4	1		16
Gastralgia	3	1	2			
General motor and sensory anasthesia	1					1
Hemiplegia	42		8	7	6	21
Hydrocephalus	1			1		
Hypochondriasis	1		1			
Hysteria	1		1			
Insomnia	3	3				
Imbecility	12					12
Lumbago	20	16	4			
Lepto Meningitis	1				1	
Mania, recurrent	2					2
" sub-acute	4		2	1	1	
" alcoholic	2					2
Melancholia	1		1			
Meningitis	3				3	
Migraine	6	4	2			
Myalgia	30	30				
Myelitis, sub-acute	1		1			
" diffused	12				2	10
" Polio Anterior, acute	3			1		2
Neuralgia, facial	10	9	1			
" intercostal	4	4				
Neurasthenia	3			3		
Neuritis, alcoholic	2	2				
" multiple	2		2			
" traumatic	3		2	1		
Paralysis, agitans	2				1	1
" Bell's	2	2				
" Bulbar	1				1	
Pleurodynia	1	1				

MEDICAL DISEASES—Concluded.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Pott's disease	4			2	1	1
Sciatica	2	1	1			
Sclerosis, lateral	1			1		
" multiple	1				1	
" postero-spinal	8		3			5
Tumor, cerebellar	2				2	
Diseases of Women.						
Amenorrhœa	5	2	3			
Cervix, laceration of	4	1	2	1		
Dysmenorrhœa	5	2	2			1
Endocervicitis	10	6		4		
Endometritis	6	1	3			2
Hypertrophy of labia	1			1		
Hysterectomy, vaginal	1					1
Mastitis	1	1				
Menorrhagia	3	1	2			
Metrorrhagia	3		2	1		
Metritis, acute	1	1				
Pruritis, vulvae	2	2				
Uterus, fibroid of	3			3		
" polypus of	1	1				
" procidentia	3	1		1		1
" antiflexion	4		4			
" retroflexion	3		2	1		
" retroversion	2			2		
Vaginitis, specific	3	3				
Total medical diseases	1967	899	448	165	209	246

SURGICAL DISEASES.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Burns of arm	3	3				
" " face	3	3				
" " hand	3	3				
" " leg	4	3				1
Dislocation of clavicle	1	1				
" " hip	2					2
Fracture of clavicle	4	4				
" " femur (neck)	2					2
" " " (shaft)	1	1				
" " fibula	1	1				
" " finger	1	1				
" " humerus	2	2				
" " inf maxcillary	1	1				
" " patella	1					1
" " ribs	7	6				1
" " radius (Colle's)	4	4				
" " tibia	1	1				
" " ulna	1	1				
Frost bite	23	20	1			2
Oyster hand	31	30				1
Sprain of ankle	9	8				1
" " arm	2	2				
" " hip	1	1				
" " knee	2	2				
" " shoulder	1	1				
" " wrist	2	2				
Wounds, contused	21	20				1
" incised	16	16				
" lacerated	18	17				1
" punctured	33	33				
" poison	1					1
Venereal Diseases.						
Adenitis, Ing	19	17				2
Balanitis	8	8				
Chancroids	64	58	2			4
Epididymitis	8	6	1			1
Gonorrhœa	94	78	10	2		4

SURGICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Herpes preputialis	1	1				
Orchitis	9	6	1	1		1
Para phimosis	9	9				
Phimosis	14	11				3
Prostatitis	1	1				
Stricture, urethral	28	19	6	1		2
Syphilis, primary	19		19			
" secondary	20	1	18			1
" tertiary	55		41	4	3	7
" congenital	2			2		
Warts, venereal	2	2				
Unclassified.						
Abscess of arm	21	20				1
" " axillary	5	5				
" " buccal	5	5				
" " cervical	4	4				
" " face	2	2				
" " foot	11	11				
" " hand	15	15				
" " gluteal	2	2				
" " labial	2	2				
" " lumbar	3	2				1
" peri-rectal	3	2				1
" thigh	3	3				
Amputation of finger	1	1				
" " legs	2				1	1
" " prepuce	13	9				4
" " toe	1					1
Arthritis, deformans	2					2
" tubercular	2		2			
Carcinoma of brain	1				1	
" " mamma	2				2	
" " penis	1					1
" " rectum	1					1
" " uterus	2				2	
" " cervix	1				1	
Carbuncle	11	9				2
Castration	1					1
Cyst, meibomian	1					1
Cellulitis of hand	6	4				
" " head	2					2
						2

SURGICAL DISEASES—Concluded.

Diseases.	Treated.	Discharged.				Remaining December 31, 1895.
		Cured.	Improved.	Unimproved.	Died.	
Cellulitis of leg	2	2				
" " foot	3	3				
Caries of Ilium	1					1
Coxalgia	3		2		1	
Elephantiasis of leg	2			1		1
Epithelioma of face	3				2	1
" " penis	2			1		1
Fissure, anal	1	1				
Fistula in ano	5	4	1			
" " vesico-vaginal	1			1		
Furunculosis	23	23				
Hæmorrhoids	18	7	5	4		2
Hernia, inguinal	4	2		1		1
" umbilical	2			1		1
Hydrocele	6	1	2	1		2
Lipoma	2	1				1
Laminectomy	1					1
Lymphangitis	10	10				
Nephrectomy	1					1
Necrosis of fibula	1	1				
" " femur	1	1				
" " nasal	1		1			
" " rib	1					1
" " tibia	3	2				1
Osteo-myelitis	2	2				
Periostitis	5	5				
Sarcoma of sup-maxilla	1				1	
Senile gangrene	2	2				
Skin-grafting	3	2				1
Synovitis	15	14				1
Stricture of rectum	1		1			
Tubercular glands	5	2	1			2
Ulcer of leg	81	35	38			8
Varicocele	1	1				
Varix	20		4	16		
Total surgical diseases	915	621	156	36	14	88

Recapitulation.

Total ingress	2,882
" egress	2,548
Remaining in wards December 31, 1895	334

REPORT

—OF THE—

RESIDENT PHYSICIANS

—OF THE—

BALTIMORE INSANE HOSPITAL.

REPORT.

To the Honorable Board of Trustees:

GENTLEMEN.—I have the pleasure to submit herewith my report of the operations of the Baltimore City Insane Hospital for the year ending December 31, 1895.

As it is by means of this report that the community is informed of what is being done in the administration of of our institution, I will refer in detail to operations of the Hospital, with which you are familiar, from the reports made to you at the weekly meetings, and from your visits of inspection.

The number of patients in the Hospital on December 31, 1894, was 377. During the year 155 were admitted, Of the total number treated, 37 have been discharged as recovered, 30 as improved, 34 as unimproved, and 47 have died, leaving a remainder of 384.

During the year the general health of the patients has been exceptionally good, having been free from epidemics and with very few acute diseases. But owing to an unusual number of deaths caused by apoplexy and phthisis of long standing, the death rate is greater than that of the preceding year.

Admissions, as usual, show a large preponderance of chronic cases, many of whom are hopeless, brought here to receive the care and treatment necessary to render the balance of their life one of comparative comfort.

To ameliorate the sufferings of these unfortunate people, we have done all within our power under the present system. Attention has been given to the instruction of the attendants, and it is pleasing to note that they have performed their duties faithfully. The employment of mechanical restraint has gradually become less necessary, and is now only used when it is necessary to prevent destruction of property, self-mutilation, or injury to others. Patients who will not abuse the priveleges have been put on parole and have perfect freedom of the grounds. In granting such permission great care has been exercised in the selection of the patients, in order to assure the protection of the public and the safety of the patient himself.

In addition to the usual amusements of football, baseball and various other games, marches around the grounds and a weekly entertainment, consisting of music, singing and dancing, has been instituted. I believe an entertainment of this character tends to check the degeneration of both mind and body. The effect upon the moral character is plainly evident, and in our overcrowded wards, with almost entire absence of classifications, I believe this diversion to be invaluable. In the treatment of insanity, entertainment, exercise and an abundance of wholesome and nutritious food are of far greater therapeutic value than drugs. This is a subject which does not receive sufficent attention and cannot be too often noted.

The labor of the patients has been utilized as far as possible, and serves both as economy and therapeutic resource.

The sanitary condition of the Hospital has received rigid attention and has thereby greatly improved. The wards have been newly painted, and various improvements made throughout the buildings. By the services of careful and painstaking attendants the wards have been kept in a condition of perfect cleanliness.

The overcrowded condition of the wards should receive most serious attention, and the evil remedied as soon as possible, as the number of patients is constantly increasing. During the past year we have been compelled to transfer many patients to the pauper department, and if it were not for this resource we would indeed be in a deplorable condition.

Our acknowledgments are due to the officers and attendants, who have been most faithful and efficient in the discharge of their duties.

I desire to express my indebtedness to Dr. Henry J. Berkeley for his valuable instruction and advice in the treatment and classification of the patients. To the other members of the visiting staff, consisting of Drs. Van Ness, Singewald ane Williams, I owe my appreciation and thanks for their advice and aid in the care of the patients. I also desire to express my thanks to Dr. C. H. Medders for his valuable assistance so kindly rendered.

The services of the assistant resident physician, Dr. W. S. Carswell, deserve the highest commendation. He has rendered me most valuable assistance, and has performed his duties conscientiously and with credit to the institution and himself.

To the Honorable Board of Trustees I desire to express my thanks, for in no instance has a request for the benefit of the Hospital been refused.

Very respectfully,

C. W. DIDENHOVER.

TABLE I.

General Statement for the Year 1895.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
Patients in hospital December 31, 1894	156	141	31	49	377
Admitted from Baltimore	55	49	24	22	150
Transferred from almshouse	2	1	1	1	5
Total number under treatment	213	191	56	72	532
Discharged	34	28	9	9	80
Transferred to almshouse	10	4	5	2	21
Died	19	10	13	5	47
Total egress during the year	63	42	27	16	148
Remaining in hospital December 31, 1895	150	149	29	56	384
In hospital three times during the year		1			1
In hospital twice during the year	5	3	2		10
Total in hospital more than once	5	4	2		11

TABLE II.

Time of Residence of Those Discharged, Otherwise than by Death.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
One month or less	12	11	8	7	38
Between 1 and 3 months	7	8	1	3	19
" 3 " 6 "	7	6	2	1	16
" 6 " 12 "	4	2	1		7
" 1 " 2 years	5	1			6
" 2 " 4 "	5	3	1		9
" 4 " 6 "	3	1			4
" 6 " 8 "	1		1		2
Total number discharged	44	32	14	11	101

TABLE III.

Showing Monthly Admissions, Deaths and Averages.

	Admitted.	Discharged.	Died.	Averages.
January	8	5	5	375.55
February	11	8	....	378.43
March	15	6	1	383.13
April	16	9	4	388.4
May	25	14	7	396.42
June	13	13	4	388.37
July	10	7	3	388.97
August	13	10	2	387.94
September	5	7	6	385.6
October	10	2	5	384.62
November	19	11	5	389.77
December	10	9	5	388.55
Total admitted, discharged and died	155	101	47	.....

Average number of patients during the year	386.31
Highest " " " " " "	402
Lowest " " " " " "	373

TABLE IV.

Nativity of Patients Admitted During the Year.

Baltimore City	64	Germany	18
Maryland	24	Bavaria	1
District of Columbia	1	Saxony	1
Virginia	11	Austria	1
North Carolina	1	Moravia	1
New York	4	Bohemia	1
Pennsylvania	4	Sweden	1
Ohio	1	Russia	8
Canada	2	Russian Poland	2
England	3	At Sea	1
Ireland	4	Unknown	1
Total			155

TABLE V.

Showing Occupations of Those Admitted During the Year.

Baker	1	Moulder	1
Barbers	2	Oyster packer	1
Boxmakers	2	Painter	1
Bricklayers	2	Printer	1
Brickmakers	2	Physician	1
Bristlemaker	1	Rigger	1
Carpenters	3	Sailor	1
Cigarmakers	2	Salesman	1
Clerks	5	Saloonkeeper	1
Coachman	1	Seamstresses	5
Domestics	20	Shoemaker	1
Gardeners	2	Stevedore	1
Hackman	1	Stonecutter	1
Hodcarrier	1	Tailor	1
Hostler	1	Teamsters	3
Housewives	28	Traveling salesman	1
Hucksters	2	Varnisher	1
Laborers	31	Weaver	1
Laundresses	6	Of no occupation	18
Total			155

TABLE VI.

Showing Mental Disorder of Those Admitted During Year 1895.

Mania, post-febrile	1	Dementia, paretic	6
" chronic	7	" pre-senile	2
" acute	12	" alcoholic	4
" periodical	6	" syphilitic	2
" epileptic	7	Alcoholism, acute	7
" pre-senile	3	" chronic	7
" transitory	3	Imbecility	30
Melancholia, acute	7	Idiocy	2
" chronic	11	Paranoia	3
" alternating	1	Delusional insanity, chronic	3
Dementia, senile	6	Confusional insanity, acute	3
" organic	5	" " chronic	2
" terminal	14	Climacteric insanity	1
Total			155

TABLE VII.

Time of Residence of Those Who Died.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
One month or less	2	1	1	....	4
Between 1 and 3 months	3	1	3	1	8
" 3 " 6 "	1	1	1	1	4
" 6 " 12 "	2	....	2	....	4
" 1 " 2 years	1	1	2	1	5
" 2 " 4 "	4	1	1	1	7
" 4 " 6 "	3	....	1	....	4
" 6 " 8 "	1	2	....	....	3
" 8 " 10 "	1	1	1	....	3
" 10 " 12 "	1	....	1	....	2
Of 14 years	....	....	....	1	1
" 21 "	....	1	....	....	1
" 27 "	....	1	....	....	1
Total number of deaths	19	10	13	5	47

TABLE VIII.

Showing Cause of Death of Those Who Died During Year.

Phthisis, chronic	9	Senility	4
Phthisis, acute	3	Dysentery, acute	1
Apoplexy, cerebral	11	Dementia	4
Cardiac diseases	2	Peritonitis, acute	1
Paralysis, general	1	Diarrhœa, chronic	4
Oedema, pulmonary	1	Status epilepticus	1
Exhaustion, maniacal	2	Poisoning, mercurial	1
Exhaustion from epilepsy	2		
			47

TABLE IX.

Showing Mental Disorder of Those Who Died During Year.

Dementia, pre-senile	2	Epileptic insanity	4
" senile	6	Confusional insanity	1
" terminal	9	Melancholia	1
" alcoholic	1	Mania, acute	2
" organic	2	" chronic	4
" syphilitic	3	Alcoholism, chronic	4
" paretic	1	Imbecility	5
" epileptic	1	Idiocy	1
			47

ANNUAL REPORT

—— OF THE ——

WATER DEPARTMENT

—— TO THE ——

Mayor and City Council of Baltimore,

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1895.

The Water Board of Baltimore City

DECEMBER 31, 1895.

Hon. ALCAEUS HOOPER, Mayor,
Ex-officio President.

D. MEREDITH REESE, *Secretary.*

WILLIAM A. MARBURG.

JOHN E. HURST.

CLINTON P. PAINE.

FRANCIS H. HAMBLETON.

JOSEPH S. HEUISLER.

Officers of the Water Board.

WATER REGISTRAR:
E. SHRIVER.

ACTING CHIEF ENGINEER:
WILLIAM L. KENLY.

REPORT.

BOARD OF WATER COMMISSIONERS—CITY HALL,

BALTIMORE, January 2, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—In compliance with City Ordinance No. 10, Section 8, the Water Board has the honor of submitting for your consideration its report for the past year:

Amount of revenue received during the year and deposited with City Register, including water tax and appropriations	$774,706 19
Deduct amount overdrawn December 31, 1894	48,831 12
Leaving	$725,875 07
Disbursements paid by warrants approved by the Board during the year 1895	609,573 47
Leaving balance in hands of City Register	$116,301 60
And balance in hands of Water Registrar December 31, 1895	2,465 53
Total at disposal of the Board December 31, 1895	$118,767 13

The net revenue for the year from water rents and meter rents, after deducting $35,084.16, discount allowed on 1895 bills, amounted to $707,237.14, as against $699,366.04, showing an increase of net revenue for 1895 of $7,871.10.

The total net collections, including plumbing bills, water tax, appropriations and sundry items for hay, ice, etc., was $774,656.60; the same collections for 1894 amounted to $812,235.71, a decrease of $37.579.11.

There being no levy made in 1895 for the water used for public purposes, the water tax received was for years prior to 1895; and, compared with water tax received in 1894, the decrease was $42,738.93; thus partly showing the above decrease.

The several sources whence the revenue is derived are shown in Statement "L," and the comparative table of receipts for the years 1893, 1894 and 1895 exhibits the variations during those years.

Bills for domestic and special rents, amounting to $644,489.15, taken from the 1896 ledgers, were placed in hands of inspectors last month and delivered.

The balance taken from ledgers previous to 1896, including meter and plumbing, amount to $164,474.37, of which amount $148,181.43 is for 1895.

The disbursements for the past year were as follows:

For distributing mains	$130,310 35
" fire-plugs and fountains	7,683 89
" tools and fixtures, returned money and real estate	1,950 98
" working expenses	159,628 25
" interest on $6,500,000 water stock	310,000 00
	$609,573 47

The disbursements for 1894 amounted to $742,793.81, including $445,086.68 interest.

As stated in former annual report, the reduction in interest on loan, $202,630, would enable the Board to lay mains in new territory in the Annex and enlarge mains in the city. Much has been done in this connection, as can be seen by reference to the statement of mains laid submitted with the Engineer's report.

The Board at the present time are preparing plans for the extension of the water supply in the city and Annex, including a supply for the high ground in West Arlington and Walbrook.

The different plans in contemplation require a close study of the advantages and disadvantages of each before a decision can be made, and they are too extensive to enumerate in this report. Suffice to say, that they are under consideration of the Board and its Engineers, and the interest of the consumer and taxpayer will be carefully guarded.

Provision for the work of new construction was granted by act of the last Legislature authorizing a loan of $2,000,000. The bonds for this loan have not yet been issued, and all the betterments of the department, since the sale of bonds for completion of Lake Clifton, have been made from the revenue.

There were laid twenty-four and one-half miles of pipe during the year (which is seven and one-half miles greater than last year), varying in size from two to thirty-six inches in diameter. The largest size was laid on the completed portion of North-avenue bridge. The total length of the city mains to date is 524 miles.

Applications for 2,924 houses and warehouses were made in 1895, together with applications for sundry other rents

from which an additional revenue is expected of $20,261 annually.

There were thirty meters and three indicators placed in operation during the year; thirty-six meters and nine indicators were withdrawn from service, leaving in service 1,115 meters and 408 indicators.

The number of fire-plugs erected was sixty-five, making a total of 1,584 in the city.

There are in the city 207 public fountains, twelve of which were erected during the year and two old ones replaced by new, and one removed from in front of Courthouse.

The pumps were operated at the eastern pumping station 6,481 hours during 1895, and pumped 2,293,676,004 gallons of water to the high elevations of the city at a cost of $\frac{642}{1000}$ cent per 1,000 gallon.

The pumps in Druid Hill Park were operated one day in each month to insure their being in good working order in case of emergency.

The lakes, reservoirs, tunnels and brick contained in the department are all in good order.

The average daily consumption from the middle service was 15,781,112 gallons; of the low service supply, 41,350,830 gallons; an increase over 1894, of both supplies, of 6,944,275 gallons per day.

Contract was awarded September 17, 1895, for dredging Loch Raven.

The contractors went to work at once to construct their plant, and the barge has been completed and launched, and the machinery is on the ground ready to be placed on the barge.

Accompanying the report we hand you Water Registrar's and Acting Chief Engineer's Reports, with statements attached, all of which contain full working details of the Water Department for the past twelve months.

Respectfully,

D. MEREDITH REESE,
Secretary.

JOHN E. HURST,
F. H. HAMBLETON,
CLINTON P. PAINE,
WILLIAM A. MARBURG,
Water Commissioners.

WATER REGISTRAR'S REPORT.

WATER REGISTRAR'S OFFICE—CITY HALL,

BALTIMORE, December 31, 1895.

To the Honorable the President and Members of the Water Board:

GENTLEMEN.—In compliance with City Ordinance No. 10, Section 8, the Registrar has had prepared and submits the following statements, showing the receipts and disbursements of the Registrar's Department for the year 1895, and the sources from which the revenue was received:

The receipts for the year were as follows:

From 1895 water rents	$430,365 68
" 1894 " "	136,343 35
" 1893 " "	5,291 64
" 1892 " "	1,346 17
" meter "	168,974 46
	$742,321 30
Less discount on 1895 water rents	35,084 16
	$707,237 14
From interest on back water rents	2,730 74
" plumbing bills	44,335 27
" distributing mains	535 20
" Lake Montebello	74 00
" Loch Raven	335 50
" Lake Roland	1,360 99
" eastern pumping station	151 81
" Lake Clifton	42 91
" Druid Lake	16 00
" western pumping station	17 80
" current expenses	13 37
" appropriations, Mayor and City Council	2,600 00
" water tax	15,205 87
	$774,656 60

The disbursements for the year were as follows:

Paid plumbing department	$36,997 44
" repairs	30,528 73
" Lake Montebello	3,822 45
" current expenses	7,130 37
" western pumping station	3,685 94
" Lake Roland	3,637 49
" salaries	38,185 79
" Hampden reservoir	1,332 04
" Loch Raven	6,229 33
" Lake Clifton	3,817 92
" Druid Lake	2,872 75
" Mt. Royal reservoir	1,192 14
" high-service "	468 54
" water courses	1,134 96
" Jones' Falls conduit	120 00
" eastern pumping station	15,910 77
" Guilford reservoir	816 51
" stationery and printing	1,745 08
Working expenses	$159,628 25
Paid distributing mains	130,310 35
" fire-plugs	5,715 32
" pumps and fountains	1,968 57
" tools and fixtures	851 57
" returned money	1,099 11
" real estate	30
" interest	310,000 00
	$609,573 47

The following statements exhibit in detail the financial transactions of the department for the year 1895:

Statement A—Water Registrar's cash account.
" B—Water Registrar's disbursement account.
" C—Trial balance, general ledger.
" D—Balance sheet.
" E—Receipts.
" F—Disbursements.
" G—New supplies.
" H—Abatements.
" I—Comparative receipts.
" K—Balances remaining on the books of the department December 31, 1895.
" L—Revenue.

Most respectfully submitted,

E. SHRIVER, *Water Registrar.*

STATEMENTS.

STATEMENT A.

Water Registrar's Cash Account for the Year 1895.

		Dr.	Cr.
To balance on hand December 31, 1894		$ 2,515 12	
" water rents, 1895	$430,365 68		
Less discount	35,084 16		
		395,285 52	
To water rents, 1894		136,343 35	
" " " 1893		5,291 64	
" " " 1892		1,346 17	
" interest on back water rents		2,730 74	
" plumbing bills		44,335 27	
" meter rents		168,974 46	
" Lake Roland		1,360 99	
" Loch Raven		335 50	
" distributing mains		535 20	
" Lake Clifton		42 91	
" eastern pumping station		151 81	
" Lake Montebello		74 00	
" current expenses		13 37	
" western pumping station		17 80	
" Druid Lake		16 00	
" appropriations by Mayor and City Council.		2,600 00	
" water tax		15,205 87	
By deposits with City Register:			
January			$119,498 94
February			224,850 58
March			62,477 51
April			71,753 70
May			55,108 27
June			23,801 21
July			66,528 79
August			21,059 02
September			16,300 01
October			61,016 72
November			11,190 28
December			25,915 29
By water tax			15,205 87
" balance on hand December 31, 1895			2,465 53
		$777,171 72	$777,171 72

STATEMENT B.

WATER REGISTRAR'S DISBURSEMENT ACCOUNT FOR THE YEAR 1895.

	DR.	CR.
To Water Board warrants drawn by the Water Board on the City Comptroller during the year	$609,573 47	
By distributing mains		$130,310 35
" fire-plugs		5,715 32
" pumps and fountains		1,968 57
" tools and fixtures		851 57
" returned money		1,099 11
" plumbing department		36,997 44
" repairs		30,528 73
" Lake Montebello		3,822 45
" current expenses		7,130 37
" western pumping station		3,685 94
" Lake Roland		3,637 49
" Engineer's Department		11,371 27
" Registrar's "		26,814 52
" Hampden reservoir		1,332 04
" Loch Raven		6,229 33
" Lake Clifton		3,817 92
" Druid Lake		2,872 75
" Mount Royal reservoir		1,192 14
" high-service reservoir		468 54
" water courses		1,134 96
" Jones' Falls conduit		120 00
" eastern pumping station		15,910 77
" Guilford reservoir		816 51
" stationery and printing		1,745 08
" real estate		30
" interest		310,000 00
	$609,573 47	$609,573 47

STATEMENT C.—Trial Balance, General Ledger, December 31, 1895.

Folio.		Dr.	Folio.		Cr.
6	Construction of new works	$8,941,955 27	1	City Five Per Cent. Water Stock	$5,000,000 00
8	Real estate and water rights	771,718 87	1	City Four Per Cent. Water Stock	1,500,000 00
10	Gunpowder real estate and water rights	235,593 23	1	City stock redeemed	4,000,000 00
59	Mayor and City Council	101,095 73	2	Profit and loss	1,801,897 32
114	Water Registrar's cash	2,465 53	376	Plumbing department	6,439 97
152	Lake Clifton	3,775 01	434	Interest	2,730 74
159	Guilford reservoir	816 51	486	Meter rents	168,974 46
174	Distributing mains	2,824,133 41	594	1892 water rents	1,346 17
192	Tools and fixtures	8,191 70	620	1893 " "	5,291 64
196	Water meters	6,000 00	634	1894 " "	136,343 35
199	Lake Montebello	3,748 45	638	1895 " "	430,365 68
214	Repairs	30,528 73			
221	Lake Roland	2,276 50			
224	Druid Lake	2,856 75			
227	High-service reservoir	468 54			
231	Hampden reservoir	1,332 04			
236	Mt. Royal reservoir	1,192 14			
239	Printing and stationery	1,745 08			
250	Current expenses	7,117 00			
256	Engineer's Department	11,371 27			
261	Registrar's Department	26,814 52			
265	Returned money	1,099 11			
273	Pumps and fountains	993 57			
280	Loch Raven	5,893 83			
291	Western pumping station	3,668 14			
302	Fire-plugs	4,440 32			
310	Eastern pumping station	15,758 96			
331	Water courses	1,134 96			
335	Jones' Falls conduit	120 00			
417	Discount	35,084 16			
		$13,053,389 33			$13,053,389 33

STATEMENT D.

BALANCE SHEET, GENERAL LEDGER, DECEMBER 31, 1895.

Folio.		Dr.	Folio.		Cr.
6	Construction of new work	$8,941,955 27	1	City Five Per Cent. Water Stock	$5,000,000 00
8	Real estate and water rights	771,718 87	1	" Four " " " "	1,500,000 00
10	Gunpowder real estate and water rights	235,593 23	1	" Water Stock redeemed	4,000,000 00
59	Mayor and City Council	116,301 60	2	Profit and loss	2,405,508 04
115	Water Registrar's cash	2,465 53			
174	Distributing mains	2,824,133 41			
190	Tools and fixtures	7,340 13			
196	Water meters	6,000 00			
		$12,905,508 04			$12,905,508 04

STATEMENT E.

RECEIPTS OF THE WATER DEPARTMENT FOR THE YEAR 1895.

	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	
Water rents, 1895	$55,615 70	$235,352 47	$46,068 65	$13,805 18	$10,501 35	$7,137 71	$8,547 99	$8,269 18	$9,667 90	$8,413 86	$6,793 82	$20,191 87	$430,365 68
" " 1894	21,719 71	11,202 92	16,613 86	16,420 44	37,728 09	9,589 20	12,798 02	7,271 61	1,392 67	661 93	485 24	459 66	136,343 35
" " 1893	439 14	283 75	557 49	425 99	1,163 02	593 50	834 66	608 34	113 00	152 92	73 50	46 33	5,291 64
" " 1892	141 00	29 75	117 25	125 00	240 50	143 25	138 92	175 50	39 00	136 50	31 00	28 50	1,346 17
Interest on back water rents	48 53	76 48	209 97	276 06	852 39	299 22	453 16	326 60	69 03	56 06	32 88	30 36	2,730 74
Plumbing bills	3,014 88	930 19	2,645 29	3,845 72	4,724 38	5,797 07	4,487 10	4,032 79	4,202 86	3,709 86	2,960 32	3,984 81	44,335 27
Meter rents	44,063 25	280 16	325 96	37,515 98	268 10	132 90	36,858 10	177 34	633 65	47,253 21	715 78	750 03	168,974 46
Lake Roland	112 97	90 50	45 64	70 49	145 42	116 19	73 26	134 25	123 60	38 22	28 35	382 10	1,360 99
Loch Raven		25 00	32 50		8 00	20 00		10 00	20 00	210 00		10 00	335 50
Distributing mains		150 00		2 55			120 00	205 50		57 15			535 20
Lake Clifton							42 91						42 91
Eastern pumping station		12 31								84 15	55 35		151 81
Lake Montebello	18 00				12 00			20 00		7 00	17 00		74 00
Current expenses				3 50				5 12				4 75	13 37
Western pumping station		8 90		8 90									17 80
Druid Lake						16 00							16 00
	$125,173 18	$248,442 43	$66,616 61	$72,499 81	$55,643 25	$23,845 04	$64,354 12	$21,236 23	$16,261 71	$60,780 86	$11,193 24	$25,874 69	$791,934 89

Appropriations made by the Mayor and City Council:

For fire-plugs, per Resolutions Nos. 17, 25, 26, 93, 94, 137, 193, 194, 167, 176, 208, 214	$1,275 00	
" main, per Resolution No. 176	350 00	
" fountains, per Resolutions Nos. 230, 21, 23, 84, 95, 139, 182, 183, 200, 211, 227	850 00	
" fountain, per Resolution No. 239	50 00	
" " " " " 245	75 00	
		2,600 00
Received water tax		15,205 87
Total		$809,740 76

STATEMENT F.

DISBURSEMENTS OF THE WATER DEPARTMENT FOR THE YEAR 1895.

	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	
Distributing mains	$5,150 04	$2,992 61	$4,796 79	$12,002 01	$22,448 43	$12,169 83	$10,300 69	$13,403 00	$11,363 78	$18,941 08	$6,583 95	$10,158 14	$130,310 35
Fire-plugs	645 20	751 70	546 08	363 06	421 04	445 77	285 40	300 34	407 69	311 72	679 43	557 89	5,715 32
Pumps and fountains	121 52	86 65	110 07	232 59	226 31	434 41	177 25	105 95	92 33	106 41	158 54	116 54	1,968 57
Tools and fixtures	154 11	153 19	93 01	115 96	48 55	26 60	41 24	20 42	49 73	64 94	54 96	28 86	851 57
Returned money	5 92	94 50	67 14	263 81	171 42	223 72	45 76	112 30	39 01	37 71	18 70	19 12	1,099 11
Plumbing department	1,590 44	1,971 18	2,357 68	2,431 10	3,004 75	4,864 42	3,922 73	4,239 89	3,323 36	3,038 39	2,984 32	3,269 18	36,997 44
Repairs	1,751 29	3,525 86	5,949 56	2,177 01	2,055 44	1,572 38	1,597 78	2,321 23	2,115 12	2,306 01	2,835 84	2,323 21	30,528 73
Lake Montebello	415 29	273 87	175 52	324 04	234 80	264 52	342 67	375 46	448 80	448 10	284 47	234 91	3,822 45
Current expenses	811 74	603 19	502 48	413 49	785 10	440 38	580 56	738 71	435 27	698 76	728 37	392 32	7,130 37
Western pumping station	581 94	317 93	172 58	136 70	768 79	550 64	202 16	238 14	152 25	157 02	183 36	224 43	3,685 94
Lake Roland	255 64	162 47	122 48	221 81	238 02	368 97	735 31	419 24	272 72	240 01	279 09	321 73	3,637 49
Engineer's Department	674 99	691 65	691 65	699 65	695 65	1,900 30	1,017 48	999 98	999 98	999 98	999 98	999 98	11,371 27
Registrar's Department	2,174 96	2,199 96	2,199 96	2,224 96	2,274 96	2,274 96	2,274 96	2,274 96	2,274 96	2,274 96	2,174 96	2,189 96	26,814 52
Hampden reservoir	39 06	36 01	32 58	24 21	162 26	135 51	136 33	146 51	111 63	84 74	126 04	297 16	1,332 04
Loch Raven	343 04	241 98	175 66	410 84	590 15	662 56	579 76	700 00	740 15	608 40	864 62	315 17	6,229 33
Lake Clifton	177 70	167 02	110 30	181 34	285 97	266 52	270 69	278 68	276 67	268 86	774 33	759 84	3,817 92
Druid Lake	172 56	106 84	89 88	117 38	173 59	227 30	320 24	281 08	502 38	504 32	275 24	101 94	2,872 75
Mt. Royal reservoir	65 41	45 41	45 41	47 56	87 49	75 30	47 31	80 27	46 72	249 35	295 02	106 89	1,492 14
High-service reservoir	10 00	13 00	12 50	10 00	27 94	13 50	18 15	198 10	69 64	26 03	53 06	16 62	468 54
Water courses	94 58	94 58	94 58	94 58	94 58	94 58	94 58	94 58	94 58	94 58	94 58	94 58	1,134 96
Jones' Falls conduit	10 00	10 00	10 00	10 00	10 00	10 00	10 00	10 00	10 00	10 00	10 00	10 00	120 00
Real estate	30												30
Eastern pumping station	799 24	800 88	976 88	768 31	854 82	1,143 99	944 16	3,299 55	1,374 12	1,470 69	1,957 24	1,520 89	15,910 77
Guilford reservoir	77 73	72 45	53 44	70 61	57 43	66 28	54 80	80 58	104 08	67 01	56 88	55 22	816 51
Stationery and printing	226 65	34 80	82 93	57 02	472 97	99 84	68 73	259 95		37 03	320 79	84 37	1,745 08
	$16,349 35	$15,445 73	$19,469 16	$23,398 04	$36,190 46	$28,332 28	$24,068 74	$30,978 92	$25,304 97	$33,046 10	$22,790 77	$24,198 95	$299,573 47

Twelve months' interest on $6,500,000 Water Stock	310,000 00
Total disbursements for the year	$609,573 47

STATEMENT G.

New Supplies for the Year 1895.

496	houses	at	$ 3 00	$1,488 00	
389	"	at	5 00	1,945 00	
950	"	at	6 00	5,700 00	
517	"	at	7 00	3,619 00	
43	"	at	7 50	322 50	
138	"	at	8 00	1,104 00	
106	"	at	9 00	954 00	
105	"	at	10 00	1,050 00	
10	"	at	11 00	110 00	
59	"	at	12 00	708 00	
84	"	at	13 00	1,092 00	
3	"	at	14 00	42 00	
					$18,134 50
2,900					
5	warehouses	at	$ 6 00	$ 30 00	
6	"	at	8 00	48 00	
13	"	at	10 00	130 00	
					208 00
2,924					
					$18,342 50
40	baths	at	$ 2 00	$ 80 00	
291	hose	at	3 00	873 00	
61	horses	at	1 50	91 50	
53	carriages	at	1 50	79 50	
12	offices	at	4 00	48 00	
6	churches	at	5 00	30 00	
7	motors	at	25 00	175 00	
16	bars	at	5 00	80 00	
1	bar	at	3 00	3 00	
1	drug	at	3 00	3 00	
1	bottling establishment	at	10 00	10 00	
2	gas engines	at	10 00	20 00	
1	special rent	at	25 00	25 00	
1	trough	at	20 00	20 00	
14	greenhouses			47 50	
1	laundry	at	5 00	5 00	
1	lawn sprinkler	at	10 00	10 00	
1	school	at	12 00	12 00	
1	barber	at	3 00	3 00	
		Per H. P.			
1	6-horse-power boiler	at	$ 5 00	30 00	
1	15 " "	at	3 00	45 00	
1	25 " "	at	3 00	75 00	
1	13 " "	at	3 00	39 00	
1	16 " "	at	3 00	48 00	
1	12 " "	at	3 00	36 00	
1	10 " "	at	3 00	30 00	
					1,918 50
	Producing a yearly revenue of				$20,261 00

STATEMENT H.

ABATEMENTS CONDENSED FOR THE YEAR 1895.

	1892.	1893.	1894.	1895.
Vacancies	$ 365 17	$ 813 14	$3,627 22	$2,905 38
Duplicates and torn down	601 00	883 75	1,531 08	2,040 09
Hose	30 00	27 00	106 00	387 25
Horses	31 50	15 00	17 12	79 00
Carriages	7 50	10 50	13 50	49 50
Bars	20 00	37 75	112 99	272 57
Reductions	28 00	44 50	139 58	217 42
Specials	47 04	60 00	269 50	582 17
	$1,130 21	$1,891 64	$5,816 99	$6,533 38

Total amount of abatements for the year, $15,372.22.

STATEMENT 1.

COMPARATIVE STATEMENTS OF RECEIPTS FOR THE YEARS 1893, 1894 AND 1895.

1893.		1894.		1895.	
1893 water rents	$414,596 41	1894 water rents	$421,419 85	1895 water rents	$430,365 68
1892 " "	130,431 12	1893 " "	131,124 84	1894 " "	136,343 35
1891 " "	7,412 09	1892 " "	6,086 44	1893 " "	5,291 64
1890 " "	2,675 49	1891 " "	2,349 16	1892 " "	1,346 17
Meter rents	178,292 67	Meter rents	172,822 86	Meter rents	168,974 46
	$733,407 78		$733,803 15		$742,321 30
Less discount on 1893 water rents	35,016 46	Less discount on 1894 water rents	34,437 11	Less discount on 1895 water rents	35,084 16
	$698,391 32		$699,366 04		$707,237 14
Interest on back water rents	2,994 91	Interest on back water rents	2,858 60	Interest on back water rents	2,730 74
Plumbing bills	58,384 27	Plumbing bills	45,553 06	Plumbing bills	44,335 27
Distributing mains	2,754 64	Distributing mains	1,300 44	Distributing mains	535 20
Lake Montebello	103 79	Lake Montebello	147 90	Lake Montebello	74 00
Loch Raven	331 05	Loch Raven	462 83	Loch Raven	335 50
Lake Roland	1,366 16	Lake Roland	764 90	Lake Roland	1,360 99
Eastern pumping station	14 28	Eastern pumping station	175 20	Eastern pumping station	151 81
Pumps and fountains	3 00	Pumps and fountains	6 00	Lake Clifton	42 91
Jones' Falls conduit	40 80	Jones' Falls conduit	25 00	Druid Lake	16 00
Fire-plugs	2 00	Fire-plugs	1 00	Western pumping station	17 80
Hampden reservoir	62 60	Lake Clifton	113 33	Current expenses	13 37
Lake Clifton	39 55	Eastern pumping station pump	81 61		
Western pumping station	35 20	Current expenses	25 00		
Druid Lake	5 20	Real estate	300 00		
Guilford reservoir	33 60				
Appropriations by Mayor and City Council	7,100 00	Appropriations by Mayor and City Council	3,110 00	Appropriations by Mayor and City Council	2,600 00
	$771,662 37		$754,290 91		$759,450 73
Water tax	52,702 66	Water tax	57,944 80	Water tax	15,205 87
	$824,365 03		$812,235 71		$774,656 60

STATEMENT K.

BALANCES REMAINING ON THE LEDGERS OF THE WATER DEPARTMENT DECEMBER 31, 1895.

1895 water rents	$139,681 78
1894 " "	10,805 64
1893 " "	4,003 84
Plumbing bills	8,484 94
Meter rents	1,498 17
	$164,474 37

STATEMENT L.

REVENUE FROM 1896 LEDGERS, JANUARY 1, 1896.

24,576	houses	at	$ 3 00	$ 73,728 00	
12,759	"	at	5 00	63,795 00	
16,900	"	at	6 00	101,400 00	
10,380	"	at	7 00	72,660 00	
7,289	"	at	8 00	58,312 00	
4,073	"	at	9 00	36,657 00	
3,635	"	at	10 00	36,350 00	
1,522	"	at	11 00	16,742 00	
4,193	"	at	12 00	50,316 00	
3,251	"	at	13 00	42,263 00	
					$552,223 00
88,578					
273	warehouses	at	$ 6 00	$ 1,638 00	
542	"	at	8 00	4,336 00	
1,131	"	at	10 00	11,310 00	
					17,284 00
90,529					
6,754	hose	at	$ 3 00	$ 20,262 00	
2,581	horses	at	1 50	3,871 50	
1,365	carriages	at	1 50	2,047 50	
384	bars	at	3 00	1,152 00	
1,338	bars	at	5 00	6,690 00	
1,895	H. P. boilers	at	3 00	5,685 00	
258	offices	at	4 00	1,032 00	
251	churches	at	5 00	1,255 00	
					41,995 00
Specials, embracing rents, motors, etc					32,987 15
					$644,489 15
Meters and indicators (estimated)					175,000 00
					$819,489 15

ACTING CHIEF ENGINEER'S REPORT.

OFFICE ACTING CHIEF ENGINEER, WATER DEPARTMENT—
CITY HALL,

BALTIMORE, January 1, 1896.

To the Honorable the President and Members of the Water Board:

GENTLEMEN.—I herewith beg leave to submit the following report of the Engineer's Department for the year ending December 31, 1895:

Two thirty-six-inch pipe lines were laid on that portion of the North-avenue bridge which was completed; the balance of the crossing, owing to changes in the original plan of bridge, will necessitate the laying of three lines of twenty-four-inch pipe, in continuation of the two thirty-six, when the bridge is ready to receive them. Nine thousand dollars was paid to the city by the Water Department for the safe crossing of the two thirty-six-inch lines of pipe over this bridge.

When the temporary thirty-inch and twenty-inch pipe was laid under the Jones' Falls near this bridge, it was thought that the bridge would be completed and pipes removed, and put the thirty-six inch upon the bridge before the completion of the Belt Line Railroad, but such not being the case, the cars of said road are now passing over our water-pipes in close proximity to them; this thirty-inch pipe is the force main from the pumping station (Ann and Oliver streets) to the western high-service reservoir, and the twenty-inch pipe is a middle service-pipe conveying the water from Druid Lake to the eastern and northeastern section of the city, both very important mains.

The pumps were operated at the eastern pumping station 6,841 hours during 1895, and pumped 2,293,676,004 gallons of water to the higher elevations, at a cost of $\frac{642}{1000}$ cent per 1,000 gallons.

The pumps in Druid Hill Park that formerly pumped

from Druid Lake to the western high-service reservoir have only been operated one day in each month to ensure there being in good working order in case of emergency.

The total length of city mains to date is $523\frac{958}{5280}$ miles, twenty-four and one-half miles of which were laid during the year 1895.

The number of fire-plugs erected was sixty-five, making a total of 1,584 in the city.

There are in the city 207 public fountains, twelve of which were erected during the year, and two old fountains replaced by new ones, and one removed from Calvert street in front of Courthouse.

There were thirty meters and three indicators placed in operation during the year; thirty-six meters and nine indicators withdrawn from service, leaving in service 1,115 meters and 408 indicators.

Loch Raven and Lake Roland continue to fill with sediment after each heavy rain, particularly the former. A contract was made September 24 with the Harbor and Inland Improvement Company for $73,171 to dredge a portion of Loch Raven. Their plant had to be constructed on Loch Raven; their barge, thirty by seventy feet, has been launched, and pumping machinery on the bank ready to be placed.

Reservoirs, tunnels and brick conduits of the department are all in good order.

The average daily consumption of water for the middle service supply was 15,781,112 gallons; of the low-service supply was 41,350,830 gallons, showing an increase for both supplies of 6,944,275 gallons per day.

There were put up ready for use at the machine shop belonging to the department, cornerWolfe and Oliver streets, during the year:

Twenty-eight twelve-inch cast-iron stops.
Thirty-eight ten-inch cast-iron stops.
Seven eight-inch cast-iron stops.
One hundred and seventy-nine six-inch cast-iron stops.
Three hundred and eighty four-inch cast-iron stops.
Ninety three-inch cast-iron stops.
Forty-five two-inch cast-iron stops.
Twenty five-inch fire-plugs.
Fifty four-inch fire-plugs.
One old five-inch fire-plug repaired.
One old market fire-plug repaired.
Twelve round fountains.

The distinguished hydraulic engineer, Mr. Samuel M. Gray, of Providence, R. I., has made several examinations of our water supply as Consulting Engineer. He has been furnished plans that will enable him to report on the best method for supplying West Arlington, etc., with water. A portion of the maps showing the distributing mains over the city has been completed and forwarded to him. The whole will soon be finished by our draughtsman and forwarded.

The pollution of the streams from which we draw our water supply is yearly getting to be worse, owing to increased population along their banks; from existing laws the State Board of Health has this matter in charge.

I respectfully refer to the accompanying reports of the Assistant Engineers, for statements showing the condition and the amount of work done during the year.

Respectfully submitted,

WILLIAM L. KENLY,

Acting Chief Engineer.

INVENTORY, 1895.

Distributing main	$60,458 67
Force main	18,163 66
Tools and fixtures	7,340 13
Plumbing department	4,369 82
Fire-plugs	1,343 87
Fountains	219 21
	$91,895 36

	Cash Turned Over to Water Registrar.								Bills Delivered to Water Registrar for Work Done, Etc.			Totals.
	Hay.	Straw.	Fodder.	Sand.	Ice.	Rent.	Coal.	Old Material.	Old Material.	Service-Pipes.	Mains Laid in County.	
Loch Raven	$32 50	$25 00				$78 00						$ 135 50
Lake Montebello	67 00							$ 7 00				74 00
Lake Clifton	42 91											42 91
Lake Roland	704 99		$13 20	$81 61	$383 94			10 50				1,194 24
Druid Lake	16 00											16 00
Eastern pumping station							$147 81	4 00				151 81
Western pumping station							8 90					8 90
Distributing main								170 00	$67 65			237 65
Plumbing department										$43,304 64	$897 86	44,202 50
Totals	$863 40	$25 00	$13 20	$81 61	$383 94	$78 00	$156 71	$191 50	$67 65	$43,304 64	$897 86	$46,063 51

TABULAR STATEMENT No. 1.

SIZE AND NUMBER OF FEET OF PIPE, STOP-COCKS AND BRANCHES LAID IN THE CITY.

	1½-Inch.	2-Inch.	3-Inch.	4-Inch.	4½-Inch.	6-Inch.	8-Inch.	10-Inch.	12-Inch.	16-Inch.	18-Inch.	20-Inch.	30-Inch.	36-Inch.	40 Inch.	Total of Pipe.
Number of feet of pipe laid previous to purchase by Water Company		13,203	95,411	31,876	72,462	60,704	10,040	14,330	12,209	26,168	4,627	8,588	14,203			363,821
Laid by Water Commission from July 1, 1855, to December, 1857		1,909	14,720	28,362		5,005	613	448				9,716				60,773
By Water Board, 1858		2,948	24,438	23,742		8,692	144									59,964
" " " 1859		638	22,972	40,367		14,503		6,300	108							84,888
" " " 1860			20,488	35,106		22,134		7,910				14,889	1,428			101,955
" " " 1861		276	8,317	15,432		8,722		5,017				1,080	8,292			47,136
" " " 1862		1,140	11,065	6,562		560				490		6,599	51			26,467
" " " 1863		2,729	12,223	5,696		3,744		4,560		720	1,170	1,314				32,156
" " " 1864	1,784	314	20,899	8,362		6,981		13,476	405	1,962	783	1,395				56,361
" " " 1865	7,929	796	16,930	11,729		3,204										40,588
" " " 1866	2,903	4,413	15,813	10,864		13,048										47,041
" " " 1867	1,145	14,252	17,349	8,808		6,491½		9,372								57,417½
" " " 1868	1,642	4,475½	20,466½	14,759½		2,012½										43,356
" " " 1869	192	4,765	16,595	9,457½		4,037½										35,047
" " " 1870		8,502	11,372	10,886		600										31,360
From January 1 to October 31, 1871		6,895	11,863	13,205		8,452										40,415
" October 31, 1871, to October 31, 1872	78	6,871½	13,660½	12,479		3,425										36,514
" October 31, 1872, to October 31, 1873		4,551	10,677½	8,032½		5,405		2,150		3,400						34,216
" October 31, 1873, to October 31, 1874	36	4,402	8,169	10,525		10,959	5,795	8,537½								48,423½
" October 31, 1874, to October 31, 1875		3,542	7,544½	8,837½		11,750		4,362½				11,160	8,959½			56,156
" October 31, 1875, to October 31, 1876		1,982½	7,053½	15,383		1,050		3,212½		5,175		202½	7,215½			41,274½
" October 31, 1876, to October 31, 1877		1,289	17,246½	15,571½		7,462½		75	137½							41,782
By Water Board, 1878	175	1,603	7,567	11,579½		3,000		4,800		837½		425	3,312½			33,299½
" " " 1879		1,603	4,490	10,876		3,160		2,038½				2,975				25,142½
" " " 1880		1,882	5,057½	7,777⅜		5,459¼		1,398					1,050		36,640	59,264⅛
" " " 1881		933	9,034⅜	12,290½		6,421¾	1,717	3,169¼								33,566⅛
" " " 1882		1,058	8,423⅜	14,788		4,522⅜		4,964½								33,756 10/12
" " " 1883		1,269⅜	12,259	18,270 10/12		13,295⅜	4,624⅜	5,026				15,817 11/13	2,960 5/12			73,524 2/12
" " " 1884		947	15,990⅛	25,302		11,100	530⅛	6,665⅛								60,535
" " " 1885	27	651½	16,464⅙	25,884 10/12		9,520⅜	2,197⅛	4,655⅜								59,401 2/12
" " " 1886	140	351	20,815⅝	27,582⅜	210	6,624	187⅜	4,196⅜								60,108
" " " 1887	189	1,083½	16,998⅝	29,426⅛		11,093⅛	4,703	19,751⅝	6,114			13,074 1/12				102,433 11/12
" " " 1888	19	1,401	21,098	24,303⅛		11,153⅝	2,212	22,089	14,695			18,194⅜				115,165 10/12
" " " 1889	115	454	11,155⅙	30,360⅝		8,898⅓		8,726⅛	7,292½	12		10,342	6,564	17,554		101,474
" " " 1890	35	1,025¾	11,850 1/12	35,286 11/12		12,911 10/12	481⅛	11,051 1/12	6,621¾				81	1,623	2,474	83,441 2/12
" " " 1891	152	1,341⅛	7,442¼	48,593 11/12		22,999¾	197⅝	10,932⅜	14,224½	11		961	1,387	8,855		117,098¼
" " " 1892	146	1,090¾	6,604⅝	48,333 1/12		39,911	461⅛	15,823 5/12	8,807½			171⅛	163⅛			121,512 5/12
" " " 1893	137	1,508½	5,388 7/12	44,406½		16,200	7½	5,599	2,868⅝			17			1,009 5/12	77,142¼
" " " 1894	210⅛	2,854⅙	7,340⅛	48,095⅜		27,303½	1,418¼	1,657	253 5/12							89,132 7/12
" " " 1895		1,952	12,228⅛	53,330½		52,458	1,765⅛	4,153 5/12	2,469						930 5/12	129,287
	17,054⅛	112,902⅜	605,482½	862,531 10/12	72,672	474,975 7/12	37,095½	216,448	76,205 10/12	38,775½	6,580	117,021½	55,667¼	28,962 5/12	40,123 5/12	2,762,498⅜

TABULAR STATEMENT No. 2.—Main Stops.

	2-Inch.	3-Inch.	4-Inch.	6-Inch.	8-Inch.	10-Inch.	12-Inch.	16-Inch.	18-Inch.	20-Inch.	28-Inch.	30-Inch.	36-Inch.	40-Inch.	Total.
Stop-cocks by Water Company	12	61	94	55	9	8	8	9	4	8	....	2	....	....	270
Stop-cocks by Water Commissioners	9	8	8	2	....	....	....	....	....	2	....	....	....	....	29
By Water Board, 1858	17	23	14	3	1	....	1	16	....	1	....	....	....	....	76
" " " 1859	15	30	54	16	....	7	....	....	....	....	....	....	....	....	122
" " " 1860	....	18	55	36	....	9	....	....	....	4	....	1	....	....	123
" " " 1861	7	7	24	8	....	3	....	....	....	....	....	5	....	....	54
" " " 1862	21	19	31	19	....	1	....	1	....	4	....	....	....	....	96
" " " 1863	8	20	28	2	....	2	....	....	....	1	....	....	....	....	61
" " " 1864	12	18	15	4	....	5	....	....	....	1	....	....	....	....	55
" " " 1865	24	13	6	2	....	....	....	....	....	....	....	....	....	....	45
" " " 1866	22	24	20	4	....	....	....	....	....	....	....	....	....	....	70
" " " 1867	46	22	5	5	....	3	....	....	....	....	....	....	....	....	81
" " " 1868	7	24	19	3	....	....	....	....	....	....	....	....	....	....	53
" " " 1869	....	7	18	3	....	....	....	....	....	....	....	....	....	....	28
" " " 1870	....	4	7	....	....	....	....	....	....	....	....	....	....	....	11
January 1 to October 31, 1871	5	11	25	5	....	....	....	....	....	....	....	....	....	....	46
October 31, 1871, to October 31, 1872	10	20	23	3	....	....	....	....	....	....	....	....	....	....	56
" 31, 1872, to " 31, 1873	7	14	25	12	....	2	....	2	....	....	....	....	....	....	62
" 31, 1873, to " 31, 1874	4	14	52	9	6	6	....	....	....	....	....	....	....	....	91
" 31, 1874, to " 31, 1875	3	5	31	10	....	6	....	1	....	6	....	2	....	....	64
" 31, 1875, to " 31, 1876	1	25	66	52	2	....	....	1	....	1	....	2	....	....	150
" 31, 1876, to " 31, 1877	5	69	50	13	....	2	....	....	....	....	....	....	....	....	139
By Water Board, 1878	7	29	22	2	....	6	....	4	....	2	....	1	....	....	73
" " " 1879	4	15	37	6	....	2	....	....	....	....	....	....	....	....	64
" " " 1880	3	9	46	42	....	12	....	....	....	3	8	2	....	....	125
" " " 1881	4	26	41	6	2	2	....	....	....	....	....	....	....	....	81

By Water Board,	1882	5	27	36	19	....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92
" " "	1883	4	50	91	67	5	10	....	3	....	4	....	1	.....	.....	.....	.....	235
" " "	1884	9	59	119	31	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224
" " "	1885	6	38	85	23	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164
" " "	1886	6	68	103	21	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	212
" " "	1887	42	94	201	97	8	27	6	.....	.....	5	.....	.....	.....	.....	.....	.....	480
" " "	1888	41	123	354	132	3	34	12	.....	.....	6	.....	.....	.....	.....	.....	.....	705
" " "	1889	26	103	195	58	4	31	33	2	....	15	.....	2	2	.....	.....	.....	471
" " "	1890	45	147	290	86	3	28	14	.....	.....	1	.....	5	.....	1	.....	.....	620
" " "	1891	33	134	337	88	2	32	20	1	....	1	.....	2	4	.....	.....	.....	654
" " "	1892	27	185	379	173	1	48	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	821
" " "	1893	49	119	326	46	....	8	2	.....	.....	3	.....	5	.....	3	.....	.....	561
" " "	1894	62	120	268	76	4	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	534
" " "	1895	30	98	335	182	6	11	8	1	.....	.....	.....	.....	.....	.....	.....	.....	671
		638	1,900	3,935	1,421	65	335	113	41	4	68	8	31	6	4			8,569

TABULAR STATEMENT No. 3.—Main Branches.

	1½-Inch.	2-Inch.	3-Inch.	4-Inch.	4½-Inch.	6-Inch.	8-Inch.	10-Inch.	12-Inch.	16-Inch.	18-Inch.	20-Inch.	30-Inch.	36-Inch.	40-Inch.	Total.
By Water Board, 1858	....	3	78	98	....	33	2	....	....	1	....	....	....	....	....	215
" " " 1859	....	.....	53	134	....	75	....	32	2	.....	.....	.....	.....	.....	.....	296
" " " 1860	....	.....	68	108	....	149	....	29	.....	.....	.....	52	2	.....	.....	408
" " " 1861	....	.....	26	50	....	33	....	19	.....	.....	.....	6	34	.....	.....	168
" " " 1862	....	5	25	30	....	4	...	1	.....	.....	.....	16	.....	.....	.....	81
" " " 1863	....	3	29	19	....	9	....	7	....	2	1	5	.....	.....	.....	75
" " " 1864	3	3	40	21	....	9	1	47	....	5	4	4	.....	.....	.....	137
" " " 1865	20	.....	47	20	....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	102
" " " 1866	3	.....	30	24	....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
" " " 1867	1	29	46	26	....	7	...	21	.....	.....	.....	.....	.....	.....	.....	130
" " " 1868	1	6	38	43	....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
" " " 1869	....	5	54	32	....	6	....	2	.....	.....	.....	.....	.....	.....	.....	99
" " " 1870	....	9	27	39	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
January 1 to October 31, 1871	....	6	22	29	....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	89
Oct. 31, 1871, to Oct. 31, 1872	....	3	35	39	....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	87
" 31, 1872, to " 31, 1873	....	3	26	23	....	14	....	7	....	5	.....	.....	.....	.....	.....	78
" 31, 1873, to " 31, 1874	....	4	17	53	....	16	22	30	....	1	.....	.....	.....	.....	.....	143
" 31, 1874, to " 31, 1875	....	5	14	26	....	5	....	13	....	1	....	29	8	.....	.....	101
" 31, 1875, to " 31, 1876	....	4	21	90	....	12	....	14	....	21	.....	.....	9	.....	.....	171
" 31, 1876, to " 31, 1877	....	2	45	45	....	23	1	3	.....	.....	.....	.....	.....	.....	.....	119
By Water Board, 1878	....	4	20	36	....	8	.....	.....	.....	9	....	3	4	.....	.....	84
" " " 1879	....	2	14	41	....	6	....	5	.....	.....	.....	.....	.....	.....	.....	68
" " " 1880	....	.....	9	35	....	17	....	11	.....	.....	.....	5	.....	.....	44	121
" " " 1881	....	3	20	54	....	11	5	7	.....	.....	.....	.....	.....	.....	.....	100
" " " 1882	....	1	24	74	....	45	....	21	.....	.....	.....	2	.....	.....	.....	167
" " " 1883	....	3	30	104	....	86	13	15	....	2	....	54	10	.....	.....	317

By Water Board, 1884		3	40	123	....	53	1	14	....	....	....	....	....	....	....	234
" " " 1885	....	3	44	98	....	58	7	17	....	....	....	....	1	....	....	228
" " " 1886	....	1	52	133	3	54	3	46	....	....	....	....	....	....	....	292
" " " 1887	2	5	64	177	3	76	7	74	20	....	....	57	1	....	....	486
" " " 1888	2	3	124	253	4	167	14	73	58	....	....	75	2	....	....	775
" " " 1889	1	1	54	177	4	46	3	16	11	1	....	53	5	14	....	386
" " " 1890	2	2	75	156	8	76	6	74	31	....	....	1	2	2	2	437
" " " 1891	2	7	51	237	3	170	4	59	64	....	....	2	2	27	....	628
" " " 1892	....	3	41	238	2	147	5	124	29	....	....	....	....	....	....	589
" " " 1893	....	2	38	226	2	90	1	31	15	....	....	....	4	....	5	414
" " " 1894	2	4	58	221	1	147	13	19	3	....	....	....	1	....	1	470
" " " 1895	3	2	60	258	3	276	11	27	12	2	....	1	....	....	....	655
	42	139	1,559	3,590	33	2014	119	858	245	50	5	365	85	43	52	9,199

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID FROM JANUARY 1, 1895, TO DECEMBER 31, 1895.

Street.	Between.	Size.	Length.	Cost.
Ten-foot alley	North of Carroll avenue, east of York road	2	196	$ 72 23
Tenth	South of Beach avenue	4	445 2/12	273 27
Ten-foot alley	South of North avenue, east from Bradish ave.	4	98 2/3	91 08
Girard avenue	West from Hooper ave.			
Eight-foot alley	West of Hooper avenue, south from Girard av.	4	132 1/3	88 33
Hoffman	West of Spring	4	111	59 59
East side Central avenue	North of Eager			
Eager	East of Central avenue	4	172 2/3	131 09
Ten-foot alley	North of Biddle, east from Bond	4	185	99 79
Payson	South of Hollins			
Ten-foot alley	South of Hollins, west of Payson	4	363 2/3	204 76
Charles	South of Ninth	4	135 2/3	52 78
Ten-foot alley	West of Fulton, north from Clifton avenue	4	349	152 27
First	South from Aliceanna	4	56 1/3	34 89
Presstman	East of Pennsylvania avenue	4	91 1/3	66 73
West side Central avenue	South of Eastern ave	4	128 1/3	107 60
John alley	North of Franklin	6	135 2/3	192 20
	Greenmount and North avenues, crossing from east to west	6	24 2/3	39 37
Cannon	South of Townsend	6	370	212 96
Retreat	East of Madison avenue	6	435 2/3	307 78
Gorsuch avenue	West of Harford road	12	86 1/3	195 87
Clairmount avenue	East of Fourth			
Pratt	East of Fourth	4	273	146 10
Fourth	South of Pratt	2	165	60 89
Ten-foot alley	North of Baltimore, east from Paca	2	70	45 69
Miller's alley	West of First	2	121	62 86
Five-foot alley	West of Eden, north from Chase	2	117	99 53
Elm avenue	North of First avenue	2	196	78 58
Ten-foot alley	North of Third avenue, west of Falls road	2	108	38 39
East side Light	North of Hamburg	3	61	61 58

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Montgomery	East of Rupert	....	.....	
Alley	South of Montgomery, east of Covington	4	345⅓	$161 39
Castle	North and south from Eastern avenue	4	185	121 54
Morris alley	North of Biddle	4	82	52 06
Eastern avenue	East of Chester	4	92⅛	74 81
Patuxent	South of Lancaster	4	37	14 58
Alley	Rear Fulton, south of Pennsylvania ave.	4	59	71 75
South side North avenue	West of St. Paul	4	305	196 45
Ten-foot alley	North of Hoffman, east from Division	4	119	100 17
Dillon	West of Streeper	4	.....	
Ten-foot alley	East of Chesapeake, north from Dillon	4	287⅔	129 77
Spring	North of Lanvale	4	88⅛	44 40
Girard avenue	West of Hooper avenue.	4	111	47 97
Ten-foot alley	West of Ann, north from Lanvale	4	90⅛	32 62
Ten-foot alley	South of Lanvale, east of Bloomingdale rd.	4	106⅔	77 57
Lafayette avenue	West of Florence	4	246⅔	120 29
Ten-foot alley	East of Rose, north from Fayette	4	246⅔	92 66
Luzerne	North and south of Canton avenue	4	357⅛	151 15
Fulton avenue	East of Mary	4	148	75 19
Ten-foot alley	East of Mt. Royal ave, north from Mosher	4	53⅓	38 32
Ten-foot alley	South of Lafayette ave., west from Guilford av.	4	74	31 73
First avenue	West of Mt. Vernon av.	4	246⅔	98 36
Jackson	West of Harford road.	4	818⅔	317 64
Ten-foot alley	East of Pulaski, north from McHenry	4	246	98 80
Covington	North of Warren avenue	4	105⅓	55 64
Ten-foot alley	South of Foster avenue, east from Port	4	208½	108 09
Montgomery	East of Rupert	4	172⅔	59 30
Castle	North of Baltimore	4	104	58 90
South side Fayette.	East of Howard	4	98⅔	32 39
First avenue	West of Chestnut ave.	6	437⅔	232 17
Slingluff avenue	North of Walbrook ave.	6	315⅔	192 57
Polk	South of Gorsuch ave.	6	49⅓	23 35
West side Harford road	North of Gorsuch ave.	6	604⅓	309 44

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
East side Madison avenue	North of Brooks ave.			
Fifteen-foot alley.	South of Druid Hill Park, east from McCulloh	6	485	$286 14
Frisby	South of Eleventh	6	518	255 84
Bethel court	Bethel and Broadway	2	49	48 91
Twelve-foot alley north of Carroll avenue	Old York road and York road	2	63	20 54
Bradford alley	Eastern and Canton avenues	3	111	40 03
Fourteen-foot alley east of Chestnut avenue	First and Singer avenues	3	197⅓	61 11
Gough	Fourth and Fifth	3	81⅓	33 01
Twenty-foot alley rear west side of Railroad ave.	Brick Hill st. and Druid Hill Park fence	3	86⅛	30 01
Twelve-foot alley	West of Railroad avenue, south of Woodberry lane	3	192	59 86
Ten-foot alleys	Rear north and south side Brick Hill st., east of Druid Hill Park fence	3	246⅜	77 25
Twenty-foot alley rear west side of Railroad avenue.	Druid Hill Park fence and Union avenue	4	284	101 68
Railroad avenue	Woodberry and Plymouth avenues	4	370	191 53
Polk	Gorsuch avenue and Jefferson	4	246⅜	91 66
Lombard	Castle and Chester			
Castle	Lombard and Baltimore	4	234	121 27
Montgomery	East of Rupert	4	49⅛	31 60
South side Fayette.	Howard and Liberty	4	185	125 62
Ten-foot alley east of Milton ave.	Fairmount avenue and Fayette	4	209⅜	110 23
Chesnut	Fayette and Necessity alley	4	153	73 97
Canton avenue	Second and Third	4	49⅓	30 07

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Fifteen-foot alley west of Roland avenue	Fifth ave. and St. Mary.	4	49⅓	$ 22 73
Fifteen-foot alley south of North avenue	Bradish ave. and Sixth.	4	151	64 06
Ten-foot alley south of Third avenue	Chestnut and Elm aves.	4	49⅓	44 68
Ten-foot alley east of Patterson Park avenue	Orleans and Jefferson	4	172⅔	81 42
Ten-foot alley east of Monroe	Fayette and Baltimore.	4	111	52 17
Pulaski	Hollins and Baltimore.	4	148	67 23
Barclay	Wilson and Calvin ave.	4	360	167 37
Ten-foot all'y north of Ridgewood av.	Payson and Monroe	4	296	115 38
Clifton avenue	Ninth and Tenth	4	259	89 76
Ashland avenue	Chester and Collington avenue	4	127⅔	62 88
Ten-foot alley south of Chew	Castle and Washington.			48 62
Ten-foot alley west of Castle	Madison and Chew.	4	106⅔	
Ten-foot alley west of Henry	Wehage and Fort ave.	4	49⅓	28 97
Ten-foot alley west of Hanover	Barney and Wells.	4	135⅔	44 11
West side Charles.	Lanvale and Lafayette avenue	4	49⅓	32 96
Monroe	Oakley and Lanvale.	4	154	81 37
Ten-foot alley south of Jefferson	Burke and Bradford al.	4	135⅔	44 71
Gilmore lane	York road and Barclay.	4	37	13 18
Ten-foot alley west of Burke	Fairmount avenue and Baltimore	4	111	46 71
West side Chestnut avenue	First and Second aves.	4	175⅔	79 53
Clifton avenue	Ninth and Tenth streets.	6	49⅓	36 09
Clendenin	Madison avenue and McCulloh	6	74	89 37
Harford road	Gorsuch avenue and Erdman lane	6	1,677⅓	926 51
Fairmount avenue.	Rose and Port alley			533 21
Milton avenue	Fayette and Fairmount avenue	6	832	

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
South side North avenue	Callow and Linden aves.	6	143⅓	$ 189 64
East side Linden avenue	North avenue and King.	6	84	124 27
Wilson	Barclay and York road.	6	150⅓	78 71
Payson	Christian and Eagle			602 55
Eagle	Monroe and Payson			
Monroe	South of Eagle	6	895⅔	
Twelfth	Walbrook and Clifton avenues	6	413	213 43
North side North avenue	York road and Ensor	6	308⅓	179 01
Fairmount avenue	Burke and Bradford al.	6	111	48 80
Morling avenue	Conduit and Sycamore avenues	6	37	17 17
Hickory avenue	South of Third avenue.	6	234⅓	103 64
Orleans	Burke and Port			524 73
Burke	Orleans and Jefferson			
Jefferson	Burke and Patterson Park avenue	6	805⅔	
Twenty-foot alley south of Druid Hill Park Terrace	Madison avenue and McCulloh	6	206	238 02
McCulloh	North avenue and Druid Hill Park Terrace	12	930	1,500 72
West side Linden avenue	North avenue and King.	12	99⅓	218 29
Eight-foot alleys	Each rear north side Woodberry avenue, west of Railroad ave.	2	252	64 48
Ten-foot alley	Rear west side Railroad avenue, south of Plymouth avenue	3	178	61 73
Railroad avenue	North of Woodberry av.	3	98⅓	33 77
Ten-foot alley south of Clement.	Webster and Jackson	3	263	87 27
Frederick avenue	West of Millington la.	3	74	30 22
Boyer	Patterson Park avenue and Madeira alley			116 30
Patterson Park av.	Boyer and Baltimore	3	228	
Twenty-foot alley.	Rear west side Railroad avenue, north of Union avenue	4	308⅓	151 18
Railroad avenue	North of Woodberry avenue	4	518	247 59
Plymouth avenue.	West of Railroad av.	4	139⅔	48 10

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Bradford alley....	Jefferson and Orleans..	4	90⅛	$ 56 82
Fifteen-foot alley south of Monument.....	Bradford al. and Burke.	4	114	93 76
Ten-foot alley east of Ensor.....	Lanvale and Townsend.	4	459⅝	192 96
Lafayette avenue..	Gilmor and Stricker ...	4	51⅜	66 41
Valley.....	Eager and Chase	4	74	48 89
Ten-foot alley east of Patterson Park avenue.....	Gay and North avenue.	4	449	222 42
Ten-foot alley north of Walbrook avenue...	Pulaski and Smallwood.	4	197⅛	79 93
East side Druid Hill avenue	North ave. and Baker..	4	135⅜	68 39
South side Fayette.	Harrison and Frederick	4	149⅜	112 27
West side Charles.	Townsend and North avenue	4	212	105 03
Ten-foot alley north of Baltimore.....	Luzerne and Patapsco .	4	148	62 21
Castle.....	Fairmount avenue and Fayette.....	4	294⅜	165 98
Duncan alley.....	Lamley and Fayette...	....	.....	
Ten-foot alley south of Fayette.	Duncan alley and Chester			372 59
		....	.....	
Chester.....	Fayette and Lamley...	4	494	
Ten-foot alley north of Patterson avenue	Monroe and Fulton ave.	4	381⅛	162 34
Riggs avenue	Stricker and Parrish al.	4	123⅛	80 46
Lanvale.....	Jenkins alley and Bolton	6	206⅛	199 73
Railroad avenue ..	North of Woodberry av.	6	61⅜	31 71
Morling avenue...	West of Hill	6	116	70 77
Hickory avenue ..	Second and Third aves.	6	196⅛	110 44
Burke.....	Fayette and Orleans...	6	110⅜	139 51
Polk.....	South of Gorsuch ave..	6	74	32 73
Fairmount avenue.	Burke and Patterson Park ave	6	317	274 61
Federal	York road and Barclay.	6	312⅛	222 04
Hargrove alley....	Twenty-fifth and Twenty-sixth	6	37	47 23
South side North avenue.....	Division and Pennsylvania avenue	6	160⅛	122 75

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Federal	Harford avenue and Eden	6	166⅓	$ 116 87
Harrison	North of Gorsuch ave.	6	338	154 19
Twenty-foot alley.	North side Clifton avenue, north of Thirteenth	6	335⅓	193 15
Clement	Webster and Jackson	6	711	430 34
Eutaw Place	Brooks avenue and Whitelock lane	6	474⅔	278 44
McMechen	Linden avenue and Jordan alley	6	150⅔	115 87
Twenty-fourth	York road and Crystal avenue	6	278	239 39
St. Paul	Twenty-fifth and Twenty-sixth	6	240⅔	182 76
South side Pratt	Calhoun alley and Light	6	53⅓	74 07
Elm avenue	Second and Third aves.	6	197⅓	121 21
Union avenue	Sycamore avenue and Falls road	10	1,270⅓	1,191 27
North avenue	And Division from north to south sides	12	37	96 97
Six-foot alley rear south side Baltimore	Patterson Park avenue and Madeira alley	2	35	33 24
North side Chase	Wilcox and Valley	2	63	37 96
North side Pratt	High and Exeter	4	61⅔	53 55
Hamburg	Hanover and Leadenhall	3	67	42 11
Ten-foot alley rear east side Bethel.	Lanvale and Townsend.	4	71⅔	38 71
Ten-foot alley rear north side Federal	Point lane and Aisquith	4	74	34 81
Ten-foot alley rear west side Greene	German and Cider alley.	4	194⅔	131 11
Ten-foot alley rear east side Smallwood	Hollins and Baltimore.	4	70⅔	43 62
Ten-foot alley rear west side Townsend	Broadway and Bethel.	4	199⅓	87 14
Castle	Lanvale and Federal.	4	203⅓	105 79
Ten-foot alley rear west side Mount.	Patterson avenue and Lorman	4	39	17 55

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Ten-foot alley rear west side Chestnut avenue	Second and Third aves.	4	370	$ 159 21
Ten-foot alley rear south side Ostend	Hanover and Race	4	324⅔	128 21
Chester	Preston and Biddle	4	74	38 67
Cuba	Towson and Hull	4	164⅓	94 43
Pen-Lucy avenue	Lowndes avenue and Leahurst	4	851	328 61
West side Charles street avenue	Forrest avenue and Twenty-ninth	6	5,836⅔	2,899 77
St. Paul	Twenty-seventh and Thirty-first			1,143 07
Twenty-ninth	Charles and St. Paul	6	2,151⅓	
Jefferson	Quaker lane and Independence			384 10
Quaker lane	Jefferson and Filmore	6	672	
Eleventh street	Independence and Quaker lane	6	49⅓	34 81
Twenty-foot alley west of Bolton	Ware and King			351 59
King	Linden ave. and Bolton	6	548⅔	
Townsend	Caroline and Dallas	6	123⅓	98 14
Elm avenue	Second and Third aves.	6	89⅓	61 19
Lanvale	Caroline and Bond	6	234⅓	165 18
Townsend	Broadway and Bond	6	380	268 05
Ostend	Hanover and Race			517 22
Race	Ostend and Clement	6	767⅓	
Monroe	Eagle and Wilkens ave.	6	222	154 64
Lawrence	Fort ave. and Clement	6	536⅓	302 44
Nicholson	Hull and Cuba			200 35
Cooksie	Nicholson and Marriott	6	295⅔	
Two ten-foot alleys	Rear north and south side Fairmount avenue, west of Catherine	4	326⅔	401 03
Catherine	Baltimore and Fayette	6	318⅓	
Hoffman	Patterson Park avenue and Bradford alley	6	554⅔	361 04
Patterson Park ave.	Hoffman and Oliver	4	32⅔	
North avenue	And Broadway crossing from east to west side	6	61⅔	83 79
Webster	North of Clement	6	355	408 61
		4	633⅓	
Stockholm	Peach alley and Leadenhall	10	210 5/12	355 74
North avenue	Bridge	36	386⅔	3,255 88

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Miller alley	Clinton and First	2	42	$ 24 73
Ten-foot alley rear east side Mount.	Baker and Presstman	3	104⅔	38 98
Ten-foot alley rear west side St. Paul.	Lanvale and Townsend.	3	111	46 81
Ten-foot alley rear west side Mount.	Saratoga and Mulberry.	3	37	25 09
Ten-foot alley rear north side Lanvale	Dallas and Eden	3	105⅔	54 74
Merryman's lane	Barclay and Toliver	3	240⅓	81 52
Guilford ave	Twenty-first and Twenty-second	3	142⅔	64 17
Ten-foot alley rear west side Broadway	Biddle and Preston	3	24⅔	22 26
Gilmore lane	Barclay and Guilford av.	3	411	138 44
Gutman avenue	South of Montebello avenue	3	98⅔	39 46
Ten-foot alley	Rear south side Fayette, west of Monroe	3	64⅔	30 29
Frisby	Pen-Lucy and Wyanoke avenues	3	443⅔	175 96
Leadenhall	Hamburg and Henrietta	3	190	102 02
Crystal avenue	Ware and Twenty-fifth.	3	139⅔	77 47
Woodyear	Edmondson and Harlem avenues	3	120⅓	83 17
Park avenue	Lanvale and Townsend.	3	363⅔	138 89
Washington	Lombard and Baltimore	3	111	59 66
McDonogh	Chew and Barnes	3	209⅔	88 71
Biddle	Forrest and Constitution	4		164 92
Forrest	Biddle and Chase	4	234	
Ten-foot alley	Rear west side Bradish avenue, south of North avenue	4	152	54 99
Twenty-foot alley west of Bolton	Reservoir and Lennox.	4	39	27 35
Twenty-foot alley rear west side Harford road	Lanvale and Federal	4	304	139 92
Ninth	Walbrook and North avenues	4	177⅔	71 15
Ten-foot alley rear west side Fremont	Raborg and Fayette	4	193⅔	154 64

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Gay	Caroline and Spring	..	.....	$ 108 72
Caroline	Gay and Anthony	4	152	
Barclay	Twenty-third and Twenty-fifth	6	982⅛	603 55
Old York road	Windemere and Gorsuch avenues	6	135⅜	92 52
Barclay	South of Merryman's la.	6	79	51 61
Quaker lane	Gorsuch avenue and Jefferson	6	76	46 88
Pen-Lucy avenue	Old York rd. and Frisby	6	427⅛	266 39
Quaker lane	Eleventh and Madison	6	703	369 25
Barre	Howard and Sharp	6	271⅛	179 42
Chesapeake	South of Eastern ave	6	37	56 20
Reservoir	Bolton and Callow ave.	6	225	159 37
Taylor	Jefferson and Madison	6	111	82 28
Morris	Ducatel and Whitelock lane	6	86⅛	53 86
Merryman's lane	East of Charles	6	419⅛	220 34
Falls road	South of Third avenue	6	687⅛	322 55
East side South	Lombard and Pratt	6	246⅜	200 41
South side Fayette	Fremont and Poppleton	4	746⅜	
Ten-foot alley rear west side Fremont	Fayette and Vine	3	150	360 50
Twenty-first	Barclay and York road	4	27	
		6	336	200 65
Franklin	Fulton avenue and McClellan	6	3,541⅛	
McClellan	Franklin and Mulberry	4	296	
Ten-foot alley	Rear south side Franklin, west of McClellan		.....	2,289 90
Park avenue	Newington and Ducatel	6	37	
		4	37	78 01
South side North avenue	Etting and Division	6	320	
		12	37	332 14
Bloomingdale road	Northwest and Presbury	10	250⅜	
Thirteen-foot alley south of Northwest	Eighth and Ninth	4	383	434 37
From Light street and the Long Bridge, thence along Light to McComas		6	2,590	
thence along McComas to Charles		4	2,799⅜	2,524 18
thence along Charles to Winder		3	37	
Fourteen-foot alley north of Carroll avenue	York road and Old York road	2	87	29 60

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Twenty-foot alley north of North avenue	Eleventh and Twelfth	3	53⅛	$ 43 34
Dover	Eutaw and Paca	3	117	46 56
Mulberry	Mount and Fulton ave.			
Two alleys east of Fulton avenue	Mulberry and Saratoga.	3	291⅛	127 02
Barclay	Twenty-fifth and Twenty-sixth	4	172⅜	75 48
Fifteen-foot alley west of Linden avenue	McMechen and Mosher.	4	118	69 78
North side Oak ave.	East of Old York road.	4	419⅛	177 13
Parkwyeth avenue.	East of Old York road.	4	456⅛	209 52
Linden avenue	North avenue and Presstman	4	185	101 85
Patterson Park av.	Chase and Biddle	4	209⅜	110 47
Baker	Tenth and Eleventh			
Tenth	Baker and Presbury	4	323⅜	171 90
Ten-foot alley west of Evergreen av.	Fulton and Beach aves.			
Twenty-foot alley east of Parkwood avenue	Fulton and Beach aves.	4	637⅜	280 71
Maryland avenue.	Twenty-sixth and Twenty-seventh	4	323⅜	132 10
East side York rd.	Wyanoke and Chestnut Hill avenues	4	440⅜	192 57
Clifton	Mary st. and Pennsylvania avenue	4	111	76 88
Fifteen-foot alley north of North avenue	Bradish ave. and Fifth.	4	189	109 65
Ten-foot alley east of Gilmor	Franklin and Cairo	4	86⅛	40 18
Clifton avenue	East of Harford road.	4	1,324⅜	586 78
Thomas avenue	South of North avenue.	4	176⅜	120 32
Ten-foot alley west of Fulton ave.	Presbury and Northwest	4	32	31 58
Eighth	Presbury and Northwest	4	77	64 15
Lanvale	Brice and Payson	4	135⅜	81 02
Ten-foot alley east of Hampden ave.	Twenty-sixth and Twenty-seventh	4	199⅛	84 58
Charles	Lafayette and North avenues	4	120	45 39

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Gold	Pennsylvania avenue and Etting	4	111	$ 61 42
Eastern avenue	Slemmers alley and Albemarle	4	202	184 70
Albemarle	North of Eastern ave	3	37	
Newington avenue	Park and Mt. Royal aves	6	74	
Fifteen-foot alley west of Mt. Royal avenue	Reservoir and King	4	522	259 74
Fawn	East Falls avenue and Slemmers alley	6	24⅞	
President	Fawn and Stiles	4	296	193 35
		3	24⅞	
Chesapeake	Eastern and Canton avs.	6	94½	124 51
		4	185	
Fourth avenue	Elm and Roland aves	6	265	244 73
Elm avenue	Third and Fourth aves.	4	172⅝	
Morris alley	South of Whitelock la.	6	126½	66 55
South side Edmondson avenue	Mount and Fulton ave.	6	456½	358 87
Harford road	North of Hillen road	6	1,866	
Erdman ave	West of Harford road	4	826	
Twenty-foot alley west of Harford road	Erdman and Lake aves			1,329 54
Twenty-foot alley	South of Montebello avenue, west from Harford road	3	222	
	North-avenue bridge	36	386⅝	3,225 77
Stable alley	West of Railroad ave	2	28	19 09
Twelve-foot alley north of Cole	Stricker and Norris al	3	74	56 02
Fourteen-foot alley	West from Railroad avenue, north of Plymouth ave	3	259	95 07
Amity	Baltimore and Booth			
North side Baltimore	Schroeder and Poppleton	3	246⅜	120 52
Ten-foot alley west of Mount	Baker and Presstman	3	105⅜	44 99
Alley north of Lanvale	Chapel and Wolfe			
Chapel	Lanvale and Townsend.	4	259	128 08
Cole	Stricker and Parrish al.	4	163¼	92 29
Park avenue	Second and Third aves.			
Ten-foot alley south of Third av.	Carroll and Park aves	4	246⅜	112 92

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Ten-foot alley south of Gittings.	Light and William	4	148	$ 71 27
Ten-foot alley south of Lanvale.	Hunter alley and Calvert	4	74⅓	59 15
Ten-foot alley north of Twenty-third	York road and Barclay.	4	232	130 71
East side Cedar ave	South of Bay	4	31⅔	27 97
Jackson	Polk and Taylor	4	539⅓	242 08
Saratoga	Vincent alley and Gilmor	4	86⅓	50 75
Hargrove alley	Twentieth and Twenty-first streets	6 4	132⅓ 49⅓	112 13
Decatur	Fort ave. and Clement.	6 4	413 37	316 97
Gutman avenue	Kennedy lane and Montebello ave.	3 4	158 30⅔	79 24
Biddle	Cannon and East ave.	6	.....	1,875 72
Patterson Park av.	Hoffman and Biddle	6	3,470	
Clinton	Third and Fifth aves.	....	.....	546 88
Clinton	First and Second aves.	6	904	
Warren avenue	Battery ave. and Henry.	....	.....	
Riverside avenue	Warren avenue and Hamburg	....	.....	
Battery avenue	Warren avenue and Hamburg	....	.....	853 44
Henry	Warren avenue and Hamburg	6	1,050⅓	
West side McCulloh	South of Druid Hill Park Terrace	....	.....	
Druid Hill Park Terrace	McCulloh and Druid Hill avenue	6	474⅔	324 11
McMechen	Mt. Royal and North avenues	6	209⅔	135 82
West side North	Saratoga and Pleasant.	6	330⅔	214 14
Reservoir	Callow ave. and Bolton.	6	86⅓	104 92
Monument	Calvert and Hargrove alley	10	180⅔	239 75
East side York rd.	Carroll and Chestnut Hill avenues	10	365⅔	319 25
Beaufort alley	Calvert and Courtland.	12	390⅓	
Courtland	Beaufort alley and Saratoga	10	12⅓	719 65

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
North avenue	Bridge	36	157 1/2	$1,535 39
Regester	Baltimore and Lombard	3	166 1/3	76 04
John	Lanvale and Townsend.	3	73	62 99
Federal	Point lane and Harford avenue	3	61 2/3	38 00
Ten-foot alley south of Lafayette avenue	Park avenue and Foster alley	3	67 2/3	42 87
Dock	Shell and Warner	3	302	103 27
South side Franklin	West of Baltimore and Potomac Railroad	4	1,152 2/3	340 26
Regester	Bank and Eastern ave.	4	67 1/3	37 64
Bradford alley	Fairmount avenue and Baltimore	4	191	115 92
Bruce	Harlem and Edmondson avenues			195 19
Ten-foot alley south of Harlem avenue	Mount and Bruce	4	324 2/3	
Ten-foot alley west of Fulton ave.	Presbury and Baker	4	370	136 27
Ten-foot alley west of Fulton ave	Clifton and North aves.	4	291 2/3	117 43
Ten-foot alley east of York road	Oxford and Cottage avs.	4	399 2/3	161 99
Monroe	Baltimore and Fayette.	4	52	50 72
Hampstead	Washington and Chapel			211 42
Chapel	Hampstead and Fayette	4	289 2/3	
Ten-foot alley north of Beech avenue	Parkwood avenue and Evergreen Terrace			196 50
Two alleys east of Parkwood ave	Beech and Maple aves.	4	499 1/3	
Ten-foot alley	Rear north side James, west of Carey	4	111	64 39
Boone	Oxford and Cottage avs.			184 67
Ten-foot alley south of Oxford avenue	Boone and Frisby	4	479 2/3	
East side Pennsylvania avenue	Fulton and Elgin aves.	6	135 2/3	198 32
		4	148	
Robinson	Hudson and Lancaster.	4	301 1/3	137 21
Ten-foot alley south of Preston	Chester and Duncan al.	4	187	100 52

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Fort avenue	Race and Clarkson	...	.....	$124 14
Race	Fort ave. and Randall	4	262	
Ten-foot alley north of Twenty-fifth	Calvert and St. Paul	4	194	105 31
Ten-foot alley east of Robinson	Lancaster and Alice-anna	4	74	27 60
Ropewalk lane	Race and Hanover	4	398⅔	192 68
Twelve-foot alley north of Biddle	Cathedral and Maryland avenue	4	137⅓	91 26
Calvert	Twentieth and Twenty-first	6	379	331 12
Hunter alley	Twentieth and Twenty-first	4	66⅔	
Ten-foot alley east of Calvert	Twentieth and Twenty-first	3	37	
Pulaski	North and south of North avenue	6	318⅓	367 84
Ten-foot alley south of North avenue	Pulaski and Payson	4	384⅓	
Twenty-ninth	Huntingdon avenue and Hampden ave	6	152	115 58
Ten-foot alley west of Huntingdon avenue	Twenty-eighth and Twenty-ninth	4	37	
Reservoir	Callow avenue and Bolton	6	125⅓	109 47
Pine	Raborg and Baltimore	6	185	139 21
Carroll avenue	East of Old York road	6	344	193 05
New Boundary av.	East of Old York road	4	91⅔	210 12
East side York rd.	North of New Boundary avenue	6	176⅔	
Fourth avenue	Elm and Chestnut aves	6	203⅓	125 68
Cathedral	North of Mt. Royal avenue	8	82⅓	72 44
Lee	Light and Charles	8	499	572 65
		10	61⅔	
Monument	Davis and Calvert	10	12⅓	346 36
		12	138	
Bolton	South of North avenue	10	55⅓	117 88
Presstman	Eleventh and Twelfth	2	175	60 32
North side Eastern avenue	Chester and Castle	3	98⅔	45 87

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Ann	Eager and Barnes			$141 26
Barnes	Ann and Shuter	3	313⅓	
Ten-foot alley west of Chester	McElderry and Monument	3	172⅔	97 34
Greene	Welcome alley and Wayne	3	193	67 55
Ten-foot alley west of Eighth	Northwest and Presbury	3	49⅓	22 69
Ten-foot alley east of Patterson Park avenue	Presstman and Hoffman	4	431⅔	185 04
Ten-foot alley east of Milton avenue	Fairmount avenue and Fayette	4	148	59 94
Ensor	Point lane and Federal	4	75⅔	88 95
Carey	Hollins and Booth	4	121	85 68
Ten-foot alley east of Hampden ave.	Twenty-eighth and Twenty-ninth	4	246⅔	109 28
Hoffman	Aisquith and Harford avenue	4	160⅓	90 44
Hargrove alley	Twenty-fourth and Twenty-fifth	4	209⅔	103 22
Ten-foot alley west of Parkwood ave	Beech and Fulton aves.	4	296	123 35
Ten-foot alley south of Fayette.	Monroe and Fulton av.	4	148	73 90
Patterson Park av.	Biddle and Chase	4	24⅔	32 72
Twelve-foot alley west of Chestnut avenue	Second avenue and Thirty-fifth			
Thirty-fifth	Chestnut and Elm aves.	4	249⅓	130 79
Monroe	Vine and Fayette			
Ten-foot alley north of Fayette.	Monroe and Fulton av.	4	509⅔	252 79
Tenth	Presstman and Baker			
Presstman	Tenth and Eleventh	4	914⅓	415 87
Cathedral	Monument and Madison	4	127⅓	154 14
Ten-foot alley south of Harlem avenue	Payson and Pulaski	4	143⅔	78 81
Presstman	Stockton and Carey	4	100⅓	70 76
Stockton	Cumberland and North avenue	4	61⅔	34 13

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Carey	Cumberland and Northwest	4	61⅜	$ 25 95
Brunt	Baker and Gold	4	141⅜	68 44
Ten-foot alley west of Monroe	Fayette and Baltimore.	4	86⅛	28 22
Cedar avenue	East of Cedar-avenue bridge	4	579⅜	239 08
Townsend	Dallas and Caroline			219 25
Dallas	Townsend and North avenue	4	426⅛	
Twenty-foot alley north of Cuba	Hull and Cooksie	4	222	112 30
Elm avenue	Third and Fourth aves.	4	138⅜	64 78
Calhoun	Presstman and Gold	4	49⅛	34 45
Twelve-foot alley west of Guilford avenue	Biddle and Preston	4	113⅛	54 29
Conway	Little Paca and Greene.	6	202⅛	150 29
Bayard	Washington avenue and Russell	6	123⅛	87 44
Twelve-foot alley east of Hargrove alley	Twenty-fifth and Twenty-sixth	4	52⅛	189 92
Twelve-foot alley north of Twenty-fifth	Hargrove alley and Calvert	6		
Hargrove alley	Twenty-fifth and Twenty-sixth	6	390⅛	
Aiken	Townsend and Lanvale.	6	160⅛	171 07
Ten-foot alley south of Townsend	Harford av. and Aiken.	4	135⅜	
East side Gay	Ann and Washington	10	1,240⅜	1,184 18
Twenty-third	Calvert and Hargrove alley	10	135⅜	227 52
Parkin	Lemon alley and Boyd.	10	357⅜	452 77
North side North avenue	Eleventh and Twelfth	12	476⅜	718 74
McMechen	West of Mt. Royal ave.			79 33
Ten-foot alley west of Mt. Royal av.	McMechen and Mt. Royal avenue	3	209⅛	
Chapel	Baltimore and Lombard	3	182	84 95
First avenue	Cedar and Chestnut avs.	3	135⅜	56 51
Cross	East of Belt	3	101⅜	48 16

LOCATION, SIZE, NUMBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Continued.

Street.	Between.	Size	Length.	Cost.
Ten-foot alley west of Broadway	Townsend and North avenue	3	135⅔	$ 59 60
Patapsco	Barney and Wells	3	43	28 35
Spring	Hoffman and Preston	3	182⅔	79 49
Ten-foot alley north of Chappell	Calhoun and Stricker	3	144⅔	84 82
Ten-foot alley north of Clifton Place	Broadway and Bethel			
Ten-foot alley west of Broadway	Clifton Place and North avenue	3	228	97 13
Carroll	West of Fulton avenue	3	162⅓	89 18
King	Garrison lane and Catherine	3	275	102 43
South side Alice-anna	Dallas and Caroline	3	192	125 26
Ten-foot alley south of Preston	Collington avenue and Chester	3	160⅓	56 97
Ten-foot alley north of Presbury	Monroe and Friendsbury Place	3	92⅓	35 94
York road	Eleventh and Gilmore lane	3	169	72 99
Ten-foot alley south of Mosher	Carey and Carrollton avenue	3	98⅓	63 45
Seventeen-foot alley south of North avenue	Eighth and Ninth	3		
Ninth	North avenue and Northwest	3	637⅓	235 53
Ten-foot alley south of Harlem avenue	Carey and Stockton alley	3		
Carey	Harlem and Edmondson aves	3	296	113 62
Ten-foot alley north of Ridgewood avenue	Smallwood and Pulaski	4	177⅔	78 20
Twelve-foot alley west of Chestnut avenue	Second avenue and Thirty-fifth	4	296	115 85

LOCATION, SIZE, NUNBER OF FEET AND COST OF DISTRIBUTING MAIN LAID—Concluded.

Street.	Between.	Size	Length.	Cost.
Clarkson	Fort avenue and Randall	4	160⅛	$ 73 20
Ten-foot alley west of Fulton ave	Northwest and North avenue	4	111	44 36
Erdman avenue	Harford road and Brehm's Brewery	4	4,095	1,617 25
Ten-foot alley north of Baltimore	Patapsco and Luzerne	4	185	85 01
Hoffman	Luzerne and Glover	4	12½	27 88
Conduit avenue	Morling ave. and Cox	4	111	174 32
Cox avenue	Conduit and Quarry ave	3	148	
Quarry avenue	North of Cox ave	2	185	
Twenty-foot alley north of North avenue	Eleventh and Twelfth	4	86⅓	136 57
		3	244	
Twenty-second	York road and Montebello avenue	6	122⅛	77 95
Windsor avenue	Twelfth and Liberty rd.	3	278⅛	404 28
Liberty road	Windsor and Clifton avenues	6	412⅜	
Thirteenth	North and Walbrook avenues	6	139⅜	474 55
North avenue	Twelfth and Thirteenth	12	274⅛	
Old Falls road	North of Union avenue, (Woodberry)	8	1,184	1,332 78
		6	467	
		4	49⅛	
		....	129,287	$81,946 07

REPORT OF THE ASSISTANT CHIEF ENGINEER.

OFFICE OF THE ASSISTANT CHIEF ENGINEER,

BALTIMORE, January 1, 1896.

Major W. L. Kenly, Acting Chief Engineer Water Department:

SIR.—I herewith respectfully submit my report for the year ending December 31, 1895:

JONES' FALLS SUPPLY.

The rainfall on this supply was one-half inch less than that of the previous year.

The total flow of water was 2,925,179,000 gallons more than the preceding year. The flow of clear water over the dam at Lake Roland was 1,410,983,000 gallons more, and the muddy water over same was 1,197,800,000 gallons more than in 1894. The water in Lake Roland was muddy forty-one days during the year. The greatest flow over the dam was on September 6, when it reached a height of 4.95 feet; the lowest point below the crest of the dam was on October 12 and 13, it then being 1.9 feet.

There were two drowning cases at this lake during the year. The first on January 15, about 8.30 P. M., when Nathan Morgan, Miss Hush and Henry Hush were skating near the N. C. R. R. bridge, the ice breaking. Mr. Morgan and Miss Hush were precipitated into the water. Mr. Hush, in endeavoring to rescue the two, was himself pulled in. Mr. Charles H. McMahon rescued Mr. and Miss Hush, but was unable to save Mr. Morgan, who had disappeared below the surface. Mr. John Boone, Superintendent of Lake Roland, secured the body by eight o'clock the following morning.

The other occurred November 8, at 6.30 P. M., when Mr. George W. Neal, who was going towards Hollins Station, heard a splash in the water; he went towards the sound, saw

someone in the lake, jumped in, but was unable to reach the person; the body was recovered at 8.30 the same night by Mr. John Boone. It was that of a colored man named Harris. A coroner's jury decided the man had committed suicide. The supply to the city in each instance was immediately turned off and the drain gates opened.

The floor of the bridge spanning Jones' Falls below the dam was renewed during the year at a cost of $423.88. Repairs were made on stable and wagon-shed amounting to $45.93. A horse costing $100 was purchased for use at this place. Two rooms of keeper's house were papered and spouting repaired. Two hundred and forty-one panels of picket fence, ninety-eight panels of wire, and fifty panels of board, have been built during the year. One thousand one hundred and ninety-four dollars and twenty-four cents was realized from the sale of hay, sand, fodder, old lumber and ice, which amount has been turned over to the Water Registrar.

Harper's Waste Weir and the brick conduit connecting Lake Roland with Hampden Reservoir continue in good condition, and have been no expense to the department, except $10 per month for superintendence. An average of 15,962,548 gallons of water per day passed through this conduit during the year, being 2,104,027 gallons per day less than last year. This conduit was flushed out once during the year, by opening the gates at Harper's and letting the water run for four hours.

HAMPDEN RESERVOIR.

This reservoir continues to do good service, and has been practically full of water during the year. The fence dividing the keeper's lot from the reservoir ground has been rebuilt. The iron railing around the reservoir has been painted, costing $256.70.

The four thirty-inch mains which connect this reservoir with Druid Lake remain in good condition and have been attended with no expense.

DRUID LAKE.

This lake has done good service, and has been practically full during the year, except in the month of September, when it was seventy-six inches out on the 14th. The daily

consumption of water averaged 15,781,112 gallons, a decrease of 2,482,395 gallons from the previous year. The iron railing around this lake has been painted, costing $580.80. The repairs on two of the boilers at the western pumping station, required by the Hartford Steam Boiler Inspection and Insurance Company, have been made.

WESTERN HIGH-SERVICE RESERVOIR, DRUID HILL PARK.

There were 20,229,280 gallons of water pumped into this reservoir during the year from Druid Lake; this is 559,040,320 gallons less than was pumped last year from this source. There were also 2,293,676,004 gallons pumped by the eastern pumps at Oliver and Ann streets, pumping from the Gunpowder supply; this is an increase of 860,936,710 gallons over last year.

This reservoir has done good service during the year, it having caused no trouble but once. On Sunday, November 10, the screen in front of the pipes became choked with leaves, which retarded the flow of water into the pipes, and left a portion of Walbrook without water for a few hours. The trouble was remedied by 6 P. M. the same night.

GUNPOWDER SUPPLY.

The rainfall on this supply was one-quarter inch less than that of the previous year.

LOCH RAVEN.

The water in this loch was muddy eighty days during the year, this being twelve days more than in 1894. The water surface has decreased considerably during the year, new bars having formed and the old ones materially increased in area. A contract was let on September 24 for dredging a portion of this loch, since which time the contractors have been erecting their plant. The barge was launched December 20, and placed in position to receive its machinery December 21. Owing to the lateness of the season in which the contract was let, it is hardly probable that active operations will commence before spring.

The entrances to the drain and conduit chambers, which were scraped out in 1894, have been kept clear during the year.

The total flow of water was 3,826,621,000 gallons less than

the previous year. The flow of clear water over the dam was 4,704,485,000 gallons less, and the muddy water over same was 3,828,791,000 gallons more, than during 1894. The highest water during the year was on September 6, when it measured 8.33 feet over the dam. This high water did considerable damage to the drive along the west bank of this loch. Temporary repairs have been made, but the roadbed should be covered with broken stone, which can be obtained from land belonging to the department at but little cost.

Two of the coping stones of the wing walls, one above the other, below the dam, were washed away at the same time; these have been replaced, and all the coping has been doweled.

On Friday, September 27, fire destroyed the summer kitchen and outhouse at this place. The loss was covered by insurance, and the buildings have been replaced.

On the 28th of October, the body of Mrs. Picquett was found floating in Loch Raven near the Meredith's Ford bridge by Charles Treadway. Dr. H. S. Jarrett, physician of the county jail, testified that he thought the body had been in the water about three hours. The verdict of the coroner's jury was that the woman came to her death by drowning October 28, and that there was no evidence of violence about her person.

LAKE MONTEBELLO.

This lake has been practically full of good, clear water during the year, only lowering when the water in Loch Raven has been too muddy to turn in. The heavy rain of September 6 washed the top soil from the slope of the east embankment; this has been replaced. The gate-house, the drain tunnel around Lake Montebello and the tunnel connecting Lake Montebello with Lake Clifton have been in good working condition during the year, and have been attended with no expense.

LAKE CLIFTON.

This lake, like Montebello, has been full of water during the year. The gate-house at this point has been in good working order and been attended with no expense. The forty-inch mains leading from this gate-house continue

doing good service, having cost nothing for repairs during the year. The keeper's cottage, which was contracted for October 7, is nearing completion.

GUILFORD RESERVOIR.

This reservoir has been full of clear water during the year, and continues to supply that section which lies north of North avenue and east of the Falls. The consumption from this reservoir is 400,000 gallons per day.

MOUNT ROYAL RESERVOIR.

This reservoir continues to draw its supply from the Gunpowder, except in the summer months, when it is assisted with water from Druid Lake.

The iron railing around this reservoir has been painted at a cost of $155.05.

On September 6 a portion of the lower slope of the road leading to the Mount Vernon Shops was washed away, caused by the drains on Mount Royal avenue being unable to carry the water; the damage was repaired at a cost of $189.

The officers and men of this division have performed their various duties in a satisfactory manner.

Respectfully submitted,

WILLIAM BENTHALL,

Assistant Chief Engineer, Baltimore Water Department.

BALTIMORE CITY WATER WORKS.

Table of Rainfall in Inches.

1895.	Jones' Falls Supply.			Gunpowder Supply.				
	Lake Roland.	Hampden Reservoir.	Druid Lake.	Mt. Royal Reservoir.	Loch Raven.	Lake Montebello.	Lake Clifton.	Guilford Reservoir.
January	4.68	4.96	4.67	4.70	4.83	4.27	4.05	4.27
February	0.55	0.97	0.93	0.87	0.88	0.62	1.13	0.73
March	2.90	2.97	2.87	2.83	3.01	2.81	2.76	2.60
April	8.16	8.02	7.55	7.98	8.22	7.29	6.77	7.15
May	3.90	3.56	3.84	2.95	4.21	3.58	3.27	3.31
June	2.60	2.68	3.41	3.13	3.73	2.57	2.68	2.28
July	2.70	3.19	3.54	3.94	4.56	2.58	2.85	1.97
August	2.60	2.73	2.72	2.61	2.92	2.35	3.06	2.51
September	5.10	6.86	6.37	6.16	5.66	6.52	4.46	5.68
October	1.95	2.14	2.19	2.43	1.27	2.16	2.03	1.50
November	1.05	1.68	1.46	1.52	1.57	1.93	1.74	1.14
December	2.65	2.64	2.46	2.64	3.15	2.69	2.21	2.45
Totals	38.84	42.40	42.01	41.76	44.01	39.37	37.01	35.59

REPORT OF ASSISTANT ENGINEER IN CHARGE OF DISTRIBUTING MAINS.

OFFICE OF ASSISTANT ENGINEER IN CHARGE OF DISTRIBUTING MAINS—OLD CITY HALL, HOLLIDAY STREET,

BALTIMORE, January 1, 1896.

Major William L. Kenly, Acting Chief Engineer:

SIR.—I herewith respectfully submit report for the year ending December 31, 1895. There were laid in the following localites additional mains, of which the following deserve mention:

Two thirty-six-inch lines on the new North-avenue bridge; length, $930\frac{5}{12}$ feet; cost, $8,017.04, or $8.60 per foot.

Twelve-inch lines on McCulloh street between North avenue and Druid Hill Park Terrace; length, 930 feet; cost, $1,500.72, or $1.61 per foot. North avenue between Eleventh and Thirteenth streets; length, 751 feet; cost, $1,107.89, or $1.47 per foot. Beaufort alley between Calvert and Courtland streets, and Courtland street between Saratoga street and Beaufort alley; length, $390\frac{1}{3}$ feet; cost, $719.65, or $1.84 per foot.

Ten-inch lines on Gay street between Preston and Oliver streets; length, $1,240\frac{2}{3}$ feet; cost, $1,184.18, or 95 cents per foot. Union avenue between Sycamore street and the Falls road; length, $1,270\frac{1}{3}$ feet; cost, $1,191.27, or 94 cents per foot. York road between Carroll and Chestnut Hill avenues; length, $365\frac{2}{3}$ feet; cost, $319.25, or 87 cents per foot, with no paving.

Eight-inch line on Lee street between Light and Charles streets; length, 499 feet; cost, $434.13, or 87 cents per foot.

Six-inch lines on St. Paul street between Twenty-seventh and Thirty-first streets; on Twenty-ninth street from St. Paul street to Charles street avenue; thence along Charles street avenue to Forrest avenue; length, 7,988 feet; cost, $4,042.84, or 50 cents per foot, with no paving. Harford

road between Gorsuch and Erdman avenues; length, 4,147⅔ feet; cost, $2,065.33, or 50 cents per foot, with no paving. Franklin street between Fulton avenue and McClellan street; length, 3,541⅓ feet; cost, $2,144.86, or 61 cents per foot. Patterson Park avenue between Hoffman and Biddle streets, and Biddle street between Milton and East avenues; length, 3,470 feet; cost, $1,875.72, or 54 cents per foot. Charles street from Winder to McComas streets; thence on McComas street to Light street, to Cromwell street; length, 2,799⅔ feet; cost, $1,372, or 59 cents per foot. Clinton street between First and Fifth avenues; length, 904 feet; cost, $546.88, or 61 cents per foot (paid for by Standard Oil Company). Barclay street between Twenty-third and Twenty-fifth streets; length, 982⅓ feet. Christian and Payson streets; thence on Payson street to Eagle street, to Monroe street, to bridge; length, 895⅔ feet. Fairmount avenue between Burke street and Milton avenue, and Milton avenue between Fairmount avenue and Fayette street; length, 832 feet. Jefferson street between Patterson Park avenue and Burke street, and Burke street between Jefferson and Orleans streets; length, 805⅔ feet; total length, 3,515⅔ feet; cost, $2,264.04, or 64 cents per foot.

Four-inch lines on Erdman avenue between Harford road and Brehm's Brewery; length, 4,095 feet; cost, $1,617.25, or 39 cents per foot, with no paving. (County end of line paid for by George Brehm). Light street between Cromwell street and the Long Bridge; length, 2,590 feet; cost, $1,136.27, or 43 cents per foot. Clifton avenue between Harford road and Lake Clifton; length, 1,324⅔ feet; cost, $586.78, or 44 cents per foot, with no paving. (Laid five feet deep).

The mains laid during the year for distribution were:

1,952	feet		of	2-inch	pipe,	costing	$	880	29,	or	45	cts. per ft.
12,228	"	4 inches	"	3	"	"	"	5,283	87	"	43	" " *
53,330	"	6 "	"	4	"	"	"	25,985	15	"	49	" "
52,458	"		"	6	"	"	"	31,569	13	"	60	" "
1,765	"	4 inches	"	8	"	"	"	1,541	13	"	87	" "
4,153	"	5 "	"	10	"	"	"	4,443	12	"	$1 07	"
2,469	"		"	12	"	"	"	4,226	34	"	1 71	"
930	"	5 inches	"	36	"	"	"	8,017	04	"	8 62	"

129,287 feet in length, costing.....	$81,946 07 (including paving)
Less bills rendered for mains laid to order.	3,306 81 (cost only).

*3-inch pipe bought 2 cents less per foot than 2-inch for 1895.

The aggregate length of all water-mains to date is $523\frac{958}{5280}$ miles, of which $24\frac{2567}{5280}$ miles were laid during the year 1895.

There were sixty-five fire-plugs erected on new sites at a cost complete, each with stop, of $3,652.23, or $56.19 each. Appropriation was made for seventeen thereof by Mayor and City Council.

There were forty-three new fire-plugs erected on old sites to replace defective old-style ones.

The total number of fire-plugs to date is 1,584.

REPAIRS (FOR DISTRIBUTION).

Exceptionally cold weather prevailed from the 7th to the 19th of February, entailing great expense to mains, services, fire-plugs, etc. As a result, thirteen ends of mains were frozen, of sizes from two inches to six inches. There were thawed 2,439 feet of mains and 3,289 feet of services—a total of 5,728 feet, or $1\frac{448}{5280}$ miles in length. Three hundred and six dwellings were affected and relieved. All of the above frozen mains and services were lowered during the summer. The service-pipe of owners on the sidewalk, laid often but one and one-half feet deep, was to a great extent also the cause of the services freezing in the street, though of proper depth.

Four thousand six hundred and twelve feet of main, of sizes from one and one-half inches to twelve inches, were lowered additionally on account of the grading-off of streets and roads in various localities.

The sixteen-inch main crossing the sewer at Centre and Davis streets was removed and reconnected, the sewer having caved in.

I note the following miscellaneous work also done:

Broken mains repaired from 2-6 inches	59
Leaks on mains caulked from 1½–40 inches	901
Leaks on service and private pipes	312
Ferrules drawn for leaks	161
"No-leak" calls	265
Blow-off stops, new and renewed stops	204
Stops repaired	174
Plugs repaired	309
Fountains repaired	62
Found stops that were paved over	38
Street rims renewed	107
Services repaired, "bills"	628
Clogged ferrules relieved	100

BY ORDER WATER REGISTRAR.

Houses turned off	3,386
Houses turned on	2,287
Ferrules drawn	204
Ferrules returned	111
Wrought-iron services cut off	6

The total cost, inclusive of paving, of repairs, under this head, for the year was $59,502.89, less bills rendered for repairs to mains, services, etc., $9,001.61 (cost only).

The turning on of 2,287 services, and the returning of 111 ferrules for services, represent a value of $2,509, not considered in the above deduction.

Five hundred and fourty-two thousand three hundred and forty-six square feet of paving (and ramming, as in the Annex), was done during the year at a total cost of $23,759.56 (including bills for sheet asphalt and asphalt block paving, which were $383.27).

The paving was distributed as follows:

	Sq. Ft.
Ditches of mains laid, etc	281,747½
" new and renewed services	63,502
" of plug services	2,901
" " fountain services	866
Holes, stops placed	3,844
Sidewalks over mains	195
" " services	469
" around plugs	4,242½
" " fountains	1,969
" " pumps	477
Ditches of repaired services	14,489½
Holes, cut-off services	18,472½
" sunk over "	3,144
" "mains repairs"	61,888½
Sunken ditches over mains	84,138½

FIRE-PLUGS ERECTED ON NEW SITES.

Northeast corner of Gough street and Madeira alley.

Southeast corner of Bank street and Madeira alley.

Southeast corner of Lancaster and Patuxent streets.

Dillon between Patuxent and Curley streets.

Northeast corner of Madison and Brooks avenues.

Southeast corner of Madison avenue and Park entrance.

Alley east side of McCulloh street south of Druid Hill Park Terrace.

Northeast corner of Jackson and Polk streets.

South side of Reservoir street and ten-foot alley west of Callow avenue.

South side of Ducatel street and ten-foot alley east of Linden avenue.

South side of Reservoir street and ten-foot alley east of Bolton street.

Northeast corner Harford road and Clifton Park entrance.

Northwest corner of Milton and Fairmount avenues.

Southeast corner of McCulloh street and Whitelock lane.

Southeast corner of Whitelock lane and Linden avenue.

North side of King street and ten-foot alley east of Linden avenue.

Northwest corner of Harford and Hillen roads.

Northeast corner of Fort avenue and Haubert street.

Northeast corner of Eagle and Payson streets.

Southeast corner of Chestnut and Third avenues.

East side of Monroe street, south of Eagle street.

Brick Hill street and ten-foot alley west of Railroad avenue.

Northwest corner of Orleans aud Burke streets.

South side of Lafayette avenue between Gilmor and Stricker streets.

Southeast corner of Bond street and North avenue.

Southeast corner of Payson and Lanvale streets.

Southwest corner of Preston and Gay streets.

Pulaski street and ten-foot alley north of Walbrook avenue.

Payson street and ten-foot alley north of Walbrook avenue.

Northeast corner of Woodberry lane and Railroad avenue.

Southeast corner of Conduit and Union avenues.

Northwest corner of St. Paul and Twenty-ninth streets.

West side of Charles street avenue, south of Forrest avenue.

Quaker lane and Jefferson street.

Northeast corner of Charles street avenue and Merryman's lane.

Pen-Lucy avenue and Leahurst street.

Race street and ten-foot alley between Clement and Ostend streets.

North side of Clement and Lawrence streets.

Southwest corner of Hanover and Winder streets.

Southwest corner of Linden avenue and Wilson street.

City Yard, south side of Basin.

On city property, yard of People's Works, south side of Basin.

Northwest corner of Mulberry and McClellan streets.

Southwest corner of Franklin and McClellan streets.

North end of Long Bridge, Light street.

Southeast corner of Franklin and Monroe streets.
East side of South street, south of Lombard street.
Northwest corner of McComas and Light streets.
Southwest corner of Patterson Park avenue and Hoffman street.
Northwest corner of Forrest avenue and Charles street avenue.
Northwest corner of Fulton avenue and Florence street.
Erdman avenue and ten-foot alley west of Harford road.
Northwest corner of Biddle and Potomac streets.
Northwest corner of Biddle street and East avenue.
North side of McMechen street between Mount Royal and North avenues.
North side of Carroll avenue, east of Old York road.
Southwest corner of Fremont avenue and Fayette street.
North side of Beech avenue, west of Evergreen Terrace.
Northwest corner of Lanvale street and Milton avenue.
Southeast corner of Chester and Federal streets.
Northeast corner of Presbury and Tenth streets.
Northwest corner of Parkin and Lemon streets.
Northwest corner of Walbrook avenue and Thirteenth street.
East side of Oak street and ten-foot alley south of Twenty-sixth street.
Northwest corner of Maryland avenue and Twenty-sixth street.

FIRE-PLUGS ERECTED ON OLD SITES.

McMechen street and Foster alley.
Maryland and North avenues.
Laurens street and Pennsylvania avenue.
Calverton road and Hollins street.
Northeast corner of Philpot and Thames streets.
Maryland avenue and Twenty-second street.
Charles street and Peabody alley.
Gilmor street and ten-foot alley north of Lexington street.
High and Granby streets.
Hudson and Luzerne streets.
Northwest corner of Baltimore and Gay streets.
Northwest corner of Pennsylvania avenue and Mosher street.
Pennsylvania avenue, opposite Wilson street.
Northeast corner of McCulloh and Biddle streets.
Northwest corner of Eutaw and Saratoga streets.

Northwest corner of Randall and Johnson streets.
Southwest corner of William and Hamburg streets.
Ann street between Pratt and Gough streets.
Lombard and Bond streets.
Aisquith and Chase streets.
Harford and North avenues.
Fayette and Aisquith streets.
Southeast corner of Lombard and Spring streets.
Southwest corner of Pennsylvania avenue and Greenwillow street.
Northwest corner of Mosher street and Jenkins alley.
Southeast corner of Eager street and Lovegrove alley.
Southwest corner of Pratt and Light streets.
Southwest corner of Mulberry and State streets.
Bond and Bank streets.
Northeast corner of Pratt and South streets.
Bath and Davis streets.
Franklin street and Lovegrove alley.
Eutaw street and West alley.
Leadenhall and Cross streets.
Charles street and French lane.
Northwest corner of North and Saratoga streets.
Southwest corner of Monument and Ensor streets.
Northeast corner of Fremont avenue and Mosher street.
Dolphin street and Morris alley.
West side of Ensor street, south of Point lane.
Southeast corner of Howard and Camden streets.
Northwest corner of Baltimore and Gilmor streets.
Northeast corner of Pratt street and Franklin lane.

There were twelve new fountains erected, as per appropriation of Mayor and Council; cost, $741.40, or $61.78 each complete, viz.:

Southeast corner of Frederick and Lexington streets.
Southwest corner of Harford avenue and Neighbor street.
Northeast corner of Bond and Monument streets.
Northeast corner of Hoffman and Division streets.
Northeast corner of Chase and Wilcox streets.
Southeast corner of Gough and Castle streets.
Northwest corner of Pearl and Saratoga streets.
Northeast corner of Pulaski street and North avenue.
Northwest corner of Scott and Pratt streets.
Northwest corner of Payson and Lanvale streets.
Northwest corner of Harford avenue and Lanvale street.
Northwest corner of Arlington avenue and Hollins street.

There were two old fountains replaced by new ones, viz.:

Gay and Ann streets.

North side of Lee between Charles and Light streets.

There was one fountain removed entirely, and one moved from 776 Forrest street to southeast corner of Forrest and Orleans streets.

There are in the city 207 public fountains.

Tabular statements and inventory attached.

Respectfully submitted,

CHARLES KRAUSE,

Assistant Engineer in charge of Distributing Mains.

REPORT OF METER INSPECTOR.

The number and sizes of meters and the number of indicators placed in operation are as follows:

10	meters	$\frac{3}{4}$ inch.
5	"	1 "
4	"	$1\frac{1}{2}$ "
9	"	2 "
42	"	3 "
70	meters.	
3	indicators.	
Total.. 73		

The number and sizes of meters and number of indicators in use are:

322	meters	$\frac{3}{4}$ inch.
223	"	1 "
117	"	$1\frac{1}{2}$ "
184	"	2 "
303	"	3 "
6	"	4 "
1,155	meters.	
408	indicators.	
Total.. 1,561		

There were 36 meters and 9 indicators withdrawn from service. There were 70 meters placed in operation in 1895; also 3 indicators.

The registered consumption of water by meters and indicators was as follows:

	Gallons.
Elevators by indicators	743,807,000
Elevators by meters	6,770,000
Railroads by meters	582,767,000
Miscellaneous by meters	855,515,000
Steamboat companies by meters	57,041,000
Livery stables by meters	26,000,000
Pork packers and butchers by meters	122,600,000
Beer breweries by meters	398,835,000
Whiskey distilleries by meters	60,900,000
Brick-yards by meters	8,625,000
Coal oil refineries	2,250,000
Drove-yards by meters	19,950,000
Oyster and fruit packers by meters	71,927,000
Hotels by meters	90,599,000
Planing mills by meters	58,890,000
	3,106,476,000

Included in above the registered consumption of water by meters in the county was 108,574,000 gallons.

JONES FALLS' SUPPLY FOR THE YEAR ENDING DECEMBER 31, 1895.

NUMBER OF GALLONS.

Month.	Rain Fall in inches.	Clear Water Over Lake Roland Dam.	Muddy Water Over Lake Roland Dam.	Water from Bottom Gates, Lake Roland Gate House.	Clear Water Sent Through Conduit Gates, Lake Roland.	Total Flow Jones' Falls Per Month.	Average Flow of Stream Per Day	Sent to City During the Month.	Average Sent to City Per Day.	Pumped from Druid Lake to High-Service Reservoir.
January	4¾	900,400,000	.....	175,900,000	446,900,000	1,523,200,000	49,135,000	421,770,000	13,605,500	1,458,394
February	¾	247,200,000	.....	172,800,000	461,500,000	881,500,000	31,482,000	457,470,000	16,338,200	1,369,274
March	3	696,300,000	.....	191,300,000	454,700,000	1,342,300,000	43,300,000	404,296,000	13,042,000	739,530
April	8	805,200,000	742,500,000	506,100,000	368,800,000	2,422,600,000	80,753,000	423,432,000	14,114,400	1,449,764
May	3¾	500,200,000	25,800,000	820,900,000	534,800,000	1,881,700,000	60,700,000	497,303,000	16,042,000	1,346,274
June	3	440,500,000	.....	283,900,000	456,700,000	1,181,100,000	39,370,000	501,436,000	16,715,000	1,456,213
July	3¼	113,900,000	193,800,000	169,300,000	518,900,000	995,900,000	32,126,000	497,380,000	16,045,000	2,738,848
August	2¾	69,680,000	.....	47,830,000	523,800,000	641,310,000	20,690,000	503,460,000	16,241,000	1,579,356
September	6	.....	742,400,000	264,100,000	542,100,000	1,548,600,000	51,620,000	551,647,000	18,388,000	2,359,296
October	2	.....	.....	.....	532,360,000	520,800,000	16,800,000	515,752,000	16,637,000	1,683,997
November	1½	35,482,000	.....	35,681,000	531,550,000	602,713,000	20,090,000	529,483,000	17,649,000	2,259,396
December	2½	280,361,000	.....	13,115,000	454,220,000	747,696,000	24,120,000	456,677,000	14,732,000	1,788,938
Totals	41¼	4,089,223,000	1,704,500,000	2,680,926,000	5,826,330,000	14,289,419,000	39,149,093	5,760,106,000	15,781,112	20,229,280

GUNPOWDER WATER SUPPLY FOR THE YEAR ENDING DECEMBER 31, 1895.

NUMBER OF GALLONS.

Month.	Rain Fall in Inches.	Clear Water Over Loch Raven Dam.	Muddy Water Over Loch Raven Dam.	Waste Water from Bottom Gates, Loch Raven Gate House.	Clear Water Sent to Lake Montebello from Loch Raven.	Total Flow of the Gunpowder Per Month.	Average Flow of Stream Per Day	Sent to City During the Month.	Average Sent to City Per Day.	Sent to City from Both Supplies Per Day.	Pumped from Eastern High-Service Pumping Station.
January	4⅛	3,628,442,000	6,284,386,000	752,120,000	1,382,364,000	12,047,312,000	388,623,000	1,213,478,000	39,144,400	52,749,900	147,190,816
February	¾	1,760,097,000	1,432,017,000	789,331,000	1,214,122,000	5,195,567,000	185,556,000	991,532,000	35,412,000	51,750,200	136,330,388
March	2¾	4,078,462,000	3,601,579,000	873,902,000	1,386,253,000	9,940,196,000	320,651,000	1,253,502,000	40,436,000	53,478,000	152,351,392
April	7½	3,286,976,000	7,266,294,000	845,712,000	1,197,219,000	12,596,201,000	419,873,000	1,211,065,000	40,369,800	54,484,200	169,738,900
May	3½	4,804,961,000	3,720,469,000	873,902,000	1,352,267,000	10,751,599,000	346,826,000	1,184,600,000	38,213,000	54,255,000	186,344,812
June	3	2,478,974,000	3,082,363,000	845,712,000	1,322,229,000	7,729,278,000	257,643,000	1,372,450,000	45,748,000	62,463,000	205,010,408
July	3½	1,081,951,000	3,087,321,000	1,043,045,000	1,344,771,000	6,557,088,000	211,519,000	1,274,676,000	41,119,000	57,164,000	227,335,436
August	2¾	683,198,000	1,023,631,000	666,939,000	1,361,049,000	3,734,817,000	120,478,000	1,374,975,000	44,354,000	60,595,000	254,841,808
September	5¾	1,270,680,000	1,702,621,000	845,712,000	1,461,867,000	5,280,880,000	176,029,000	1,403,252,000	46,775,000	65,163,000	239,191,916
October	2	1,957,153,000	.....	873,902,000	1,562,686,000	4,393,741,000	141,733,000	1,404,664,000	45,312,000	61,949,000	221,679,120
November	1½	2,399,695,000	147,887,000	845,712,000	1,461,867,000	4,855,161,000	161,838,700	1,309,934,000	43,664,000	61,313,000	191,806,624
December	2¾	1,395,926,000	2,722,173,000	873,902,000	1,137,358,000	6,129,359,000	197,721,000	1,098,925,000	35,449,000	50,181,000	161,854,384
Totals	40	28,826,515,000	34,070,741,000	10,129,891,000	16,184,052,000	89,211,199,000	244,414,244	15,093,053,000	41,350,830	57,131,942	2,293,676,004

Respectfully submitted,

WILLIAM BENTHALL,

Assistant Chief Engineer Baltimore Water Department.

ANNUAL REPORT

—OF THE—

SEWERAGE COMMISSION

—TO THE—

Mayor and City Council of Baltimore,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

OFFICE OF THE SEWERAGE COMMISSION,

BALTIMORE, January 6, 1896.

Hon. Alcaeus Hooper, Mayor of the City of Baltimore:

SIR.—The Sewerage Commission has the honor to present a report of the progress of its work during the past year:

The report of one year ago mentioned the completion of a relief map of the city, the data for which, in the absence of any adequate notes in any of the city departments, had been obtained from maps of the Corps of Engineers, United States Army, which had been compiled for military purposes during the late war.

This relief map, whilst enabling your Commission to form a fair general conception of one portion of the problem, was not found to afford the required data in such form as to be available for laying down the lines of city drainage with the precision required.

It was deemed neither proper nor expedient, whilst the city was engaged in the conduct of a complete Topographical Survey, for this Commission to place additional parties in the field at further and duplicate expense to the city merely for the purpose of possibly anticipating the time, which it was thought could not be long deferred, when all the necessary data within the city limits would be obtainable from the results of the survey already in progress.

Towards the end of April last the Commission selected as Consulting Engineers, to aid it in the discussion of the various questions involved and the formulating of plans, Messrs. Samuel M. Gray, of Providence, and Rudolph Hering, of New York.

Both gentlemen are civil engineers of large experience and established reputation as specialists in this branch of professional work.

The immediate necessity of a contour map of the city and a portion of the district lying east of it became at once evident, to meet the purposes of study and consultation. A

communication was accordingly addressed to the Mayor, requesting that the Topographical Survey be authorized to make such a map for the use of the Commission.

Directions were issued by the Mayor in accordance with this request, and the preparation of a map on a scale of four inches to the mile was at once commenced by the Topographical Survey at the cost of this Commission.

This map has been compiled largely from the Topographical Survey, and to the full extent that the survey had then been carried. Other portions are from the United States Army maps already referred to. The remainder is derived from such other sources as proved available, the whole being supplemented by the results of surveys conducted east of the eastward boundary of the city by the field parties of this Commission.

The map was completed about September 1, and since that time has formed the basis of study by the Consulting Engineers and by your Commission.

During the present month a conference with the Consulting Engineers made evident the necessity for more minute details of the topography of Patapsco Neck, and parties are now in the field making surveys, which will extend as far as North Point. These parties have been equipped with instruments belonging to the Topographical Survey, temporarily out of use by that department of the city's work, and courteously furnished for the use of this Commission by the Chief Engineer of the Survey.

The Commission fully realizes the importance of presenting its full report as early as is possible, with a consistent regard for the complicated questions which present themselves, not only in reference to the best method of ultimate disposal of the sewage, but in regard as well to the most economical lines and methods of collection, and always with due reference to the future growth and development of the city in extent and population.

The disbursements of this Commission during the year ending December 31, 1895, have been $4,638.09, details and vouchers for which have been filed with the Comptroller. There remains unexpended of the appropriation the sum of $17,129.94, which will be needed for the further prosecution of the work of the Commission.

All of which is respectfully submitted,

MENDES COHEN,
H. T. DOUGLAS,
F. H. HAMBLETON,
} *Commissioners.*

ANNUAL REPORT

—OF THE—

BOARD OF VISITORS

—OF THE—

JAIL OF BALTIMORE CITY

—TO THE—

Mayor and City Council of Baltimore,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1895.

OFFICERS

OF THE

BALTIMORE CITY JAIL,

1895.

BOARD OF VISITORS:

HON. ALCAEUS HOOPER, *Ex-officio.*

JOHN RICHARDSON. ROBERT C. DAVIDSON.
HARRY F. TURNER. HIRAM G. DUDLEY.
A. C. N. MATTHEWS. AUGUST BERKEMEIER.

PRESIDENT OF THE BOARD:

JOHN RICHARDSON.

SECRETARY TO THE BOARD:

ROBERT C. DAVIDSON.

WARDEN:

DANIEL CONSTANTINE.

COMMITTEES:

FINANCE.
DAVIDSON,
TURNER.

DISCIPLINE.
RICHARDSON,
TURNER,
BERKEMEIER.

REPAIRS.
BERKEMEIER,
DAVIDSON.

SUPPLIES.
MATTHEWS,
DUDLEY.

SANITARY.
TURNER,
MATTHEWS.

REPORT.

BALTIMORE CITY JAIL,
January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—The Board of Visitors to the Baltimore City Jail has the honor of submitting herewith a report of the management of the institution during the year ending December 31, 1895.

Your attention is directed to the exceedingly comprehensive and satisfactory report of the Warden, Mr. Daniel Constantine, which is herewith annexed, wherein is exhibited in detail the receipts and disbursements, number of prisoners committed, the nature of offenses charged and the final disposition of their cases.

There was appropriated by the Mayor and City Council for the purpose of maintaining the institution during the year 1895 the sum of	$55,000 00
Of which there has been expended	51,284 91
Leaving balance unexpended	$3,715 09

There has been received from various sources during the year and paid to the Comptroller the sum of $8,771.08; deducting from this amount expended, as above, shows the actual cost of maintaining the institution to have been $42,513.83. Of this amount the sum of $1,687.50 was expended for a duplicate electric plant.

In order to properly maintain the institution during the current year, it is respectfully suggested to your Honorable Body that the sum of $55,000 will be required.

The Board refers with much satisfaction to the efficient services of the physician, Dr. John B. Hart, under whose skillful practice the sanitary condition of the Jail has been highly satisfactory.

The discipline of the Jail has been good during the past year, and the Board commends the faithfulness of the Warden and his deputies.

The Warden has called attention to the necessity of, and the Board urgently recommends, that some appropriate action be taken with reference to the discontinuance of the practice of committing youthful offenders to this institution. Even if we had proper accommodations, it is unquestionably contrary to public policy and good morals to permit the youth of our community to come even in remote contact with criminals, and to become familiar with the atmosphere of vice and degradation, which are the concomitants of a jail.

The necessary repairs and the labor required has been performed almost entirely by the prisoners, with the resultant saving of the amount which otherwise would have been paid for these items.

Respectfully submitted,

JOHN RICHARDSON,
President,
ROBERT C. DAVIDSON,
Secretary,
HIRAM G. DUDLEY,
A. C. N. MATTHEWS,
H. F. TURNER,
AUGUST BERKEMEIER,
Members of the Board of Visitors.

REPORT OF THE WARDEN.

BALTIMORE, January 1, 1896.

To the Honorable the Board of Visitors of Baltimore City Jail:

GENTLEMEN.—I have the honor to submit herewith my annual report of the operations and general conduct of the Baltimore City Jail for the year ending December 31, 1895:

The number of prisoners committed for drunkenness and minor offenses was 7,167; for trial, 3,363; for House of Correction, 161; for Industrial School for Colored Girls, 2; for House of Reformation, 46; total for the year, 10,739.

The daily average of prisoners for the year was 497. This is a reduction from the previous year of 41.

It is to be hoped that this reduction is to be accounted for by the very active efforts made by the different religious bodies and others engaged in trying to reform those poor unfortunates.

There was paid into the city treasury the past year $8,771.08, an increase over the previous year of $1,893.68. In this amount is included $2,095.70, due from Beebe's contract for 1894; from Harford County for Board of Prisoners, $17.00; United States docket, $243.80; leaving the net earnings as turned in, $6,414.58. There is still due, which we expect to collect early in the present year, on Mr. Beebe's contract, $453.75; United States docket, $262.80; Baltimore County for 1894, $10.00; for 1895, $192.50; Anne Arundel County for 1894, $6.50; for 1895, $51.50; Somerset County for 1894, $930.50; for 1895, $227.50; Calvert County for 1894, $18.00; for 1895, $79.50; Kent County for 1894, $16.00; for 1895, $26.00; Charles County for 1895, $29.00; St. Mary's County for 1895, $3.00.

The net earnings of the Jail shows $7,740.13. The total indebtedness to the Jail is $2,306.55.

The appropriation of the Mayor and City Council for the maintenance of the Jail for the year of 1895 was $55,000.00.

Of this there was expended for officers' salaries, physician, gardener and baker	$26,969	64
Subsistence of prisoners	11,030	22
Private subsistence, hospital diet, board and incidentals	2,256	20
Fuel and light	4,695	22
Hospital	383	12
Expenses	1,273	38
Sanitary	698	50
Clothing and dry goods	1,369	00
Machinery and repairs	2,609	63
	$51,284	91
Balance in Comptroller's hands	3,715	09
Total appropriation	$55,000	00
Amount paid Comptroller derived from various sources	8,771	08

Included in the above figures of expenditures for maintenance of the Jail is $1,687.50 paid for putting in a duplicate electric light plant. In this connection it is proper to state that last year you became convinced that the light furnished by the electric light company was unreliable and expensive, so you determined to put in your own plant, and a contract with parties in Baltimore to put in an engine, dynamo, poles, wires, lamps and all other attachments necessary connected with electric lighting. It proved so much better and more economical that to make it perfect it was arranged to put in a duplicate engine and dynamo, which was done this year.

The first plant cost $2,509, and the duplicate engine and dynamo, as stated above, was put in this year at a cost of $1,687.50. This is an addition and permanent improvement of great value to the Jail. The whole plant was put in and paid for out of the funds appropriated for maintenance of the Jail. It is proper to state the plant is not dangerous to life or limb.

The annual cost of maintaining prisoners per capita was $103.19; food alone, $22.19; per day about $6\frac{1}{12}$ cents.

The above figures and statement will show that every care has been taken to prevent waste and extravagance.

The health of the prisoners has been first-class, and their general good condition is evidence that they received in quantity all they wanted, and the best of its kind. This should be very satisfactory.

We have kept one hundred prisoners constantly at work on the contract entered into by the Board of Visitors with Mr. Charles S. Beebe; the balance of them have been kept on the various works about the building and premises.

The mechanics among them have been utilized at their various trades. While it is not pleasant to record that good mechanics are often committed to this prison, it is well that they can be availed of to do the work required, to keep up the wear and tear of the institution and its surroundings. There is considerable mechanical work going on here all the time for the betterment and repairs of the institution. It is not generally understood that all the tinware used in this prison is manufactured by the prisoners. It takes no small quantity to serve an average of five hundred prisoners for the year. In addition there is machine work, pipe fitting, blacksmithing, carpentering, painting, bricklaying, and all other kinds of work necessary to keep up its good sanitary condition.

The female prisoners have done a great deal of work the past year, which, with the general good health of the prisoners and cleanliness of the cells and surroundings, is evidence that the Matrons have strictly attended to their duties, and exercised great care and watchfulness over those under their charge, with other work done for the promotion of the good sanitary condition of the Annex. The following figures will show in part what they have accomplished:

Pieces washed	132,955
Overalls made	820
Shirts made	721
Pillow cases made	200
Towels	250
Dresses	60
Bed spreads	100
Bed ticks	100
Pillow ticks	50
Sheets	500
Miscellaneous	5,354
Total number of pieces handled	141,110

Doctor J. B. Hart, physician to the Jail, reports the sanitary condition all that could be expected. He also reports the number prescribed for during the year as 8,549. The doctor has done all that laid in his power for the relief of the unfortunate inmates under his charge. Of the number treated, two (2) died, as follows: James E. Green (colored),

of heart disease, and Michael Frank (white), of alcoholism. I call your attention to the suggestions of the doctor in reference to the plumbing in parts of the building.

In accordance with the powers vested in the Board of Visitors of the Baltimore City Jail by act of the Legislature, there was transferred from the City Jail to other institutions fifteen (15) persons.

I beg leave to submit for your consideration the following estimates for the fiscal year now commencing:

Salaries of officers	$27,000 00
Subsistence of prisoners	13,000 00
Private subsistence, hospital diet, etc	2,000 00
Fuel and light	7,000 00
Incidental expenses	1,000 00
Sanitary	1,500 00
Clothing and dry goods	2,000 00
Machinery and repairs	1,000 00
Hospital	500 00
Appropriation for the maintenance of the Jail	$55,000 00

As there is some agitation or discussion going on at this time in reference to sending children to Jail, it is not out of place to insert here that the Jail authorities saw the demoralizing effect of sending children to this prison, and called attention to their cases, hoping that some of the philanthropic or public-spirited citizens might take up the matter. The following appeared in the Jail report of 1893:

"I will say in this connection that we are continually receiving children here as prisoners for trifling offences, and children committed to the House of Reformation are also sent here when first committed to be held until such time as the authorities are prepared to receive them at Chettenham. It is safe to say that when the boy committed for court and the one for the House of Reformation have their cases disposed of, they have learned considerably more vice than they knew when first committed. There is no remedy for this in the prison. It is impossible to entirely separate the children from the older prisoners. In the case of the colored children, they might be sent from the committing justice direct to the reformatories. At present those sent here as peace prisoners, or to await trial, have no place to go but the City Jail, which is very unfortunate.

"A place where all youthful first offenders could be sent, and no others, would be a great addition to the already great reformatories of the State."

The report did attract attention, and a philanthropic gentleman did take some notice of it, and made some suggestions which were entirely impracticable. He suggested that one tier of one of the sections be set apart for children. The gentleman no doubt made this statement with the best intentions, but his knowledge of the Jail must have been cursory to have offered that as a remedy. There are three hundred cells in the Jail building, and two hundred and eighty-two available for prisoners. The number of prisoners in this institution is fluctuating—sometimes the number is reduced to less than four hundred, and then again there will be over seven hundred. The numbers on the various sections are always varying—sometimes they are down to or a little below one hundred, and then up to two hundred—and it is a fact that we have no tier that could be spared for children in the City Jail, and if there was room, the gentleman himself, after due consideration, would think the Jail was not the proper place for them.

Accompanying this report you have statements—Exhibit A showing monthly average of prisoners; Exhibit B showing the number of prisoners committed for various causes; Exhibit C showing the number of prisoners discharged; Exhibit D showing the receipts and expenditures for the year.

To our worthy chaplains, Father Boone and Rev. Louis F. Zinkhan, and their assistants, are due the thanks of the community for their self-sacrificing efforts for the spiritual and moral welfare of the prisoners.

I will take this occasion to commend the officers for their faithful discharge of duty, and thank them for the aid they, one and all, rendered me in conducting the affairs of the institution.

And in conclusion, gentlemen, I tender my most hearty thanks to you for the uniform kindness and encouragement you have extended me in the past year.

All of which is respectfully submitted.

DANIEL CONSTANTINE, *Warden.*

EXHIBIT A.

SHOWING THE MONTHLY OR DAILY AVERAGE OF PRISONERS FROM JANUARY 1, 1895, TO DECEMBER 31, 1895.

January	562
February	495
March	528
April	507
May	483
June	457
July	486
August	473
September	474
October	447
November	512
December	539
Total	5,963
Daily average for 1895	497
" " " 1894	538
" " " 1893	496
" " " 1892	467
" " " 1891	497
" " " 1890	522

Highest number in Jail during 1895 was 617, December 29, 1895.
Lowest number in Jail was 420, October 15, 1895.

EXHIBIT B.

	White.			Colored.			Grand Total.
	Men.	Women.	Total.	Men.	Women.	Total.	
Peace and drunkenness	4,271	465	4,736	1,897	534	2,431	7,167
Larceny	801	42	843	770	218	988	1,831
Assault and battery	412	26	438	372	41	413	851
Assault to kill	59	2	61	71	5	76	137
False pretences	56	1	57	19	1	20	77
Burglaries	77	1	78	31	2	33	111
Embezzling	22	.....	22	2	.....	2	24
Forgery	15	2	17	.....	.....	.....	17
Writing and selling policies	9	1	10	12	.....	12	22
Illegal registration	12	.....	12	12	.....	12	24
Attempting to vote illegally	19	.....	19	17	.....	17	36
Violating pension laws	11	.....	11	1	.....	1	12
Selling liquor on Sundays	1	.....	1	.....	.....	.....	1
Perjury	2	.....	2	2	.....	2	4
Bigamy	2	.....	2	.....	.....	.....	2
Common thief	1	.....	1	1	.....	1	2
Gambling	2	.....	2	1	.....	1	3
Witness, State and United States	27	.....	27	1	.....	1	28
Mutiny	12	.....	12	.....	.....	.....	12
Enticing minors for prostitution	6	.....	6	2	2	4	10
Receiving stolen goods	11	1	12	2	1	3	15
Attempt to steal	66	.....	66	31	.....	31	97
Rape and attempt	12	.....	12	16	.....	16	28
Murder	19	.....	19	7	.....	7	26
Pick-pocket	15	.....	15	5	.....	5	20
Arson	8	.....	8	2	.....	2	10
Passing counterfeit coin	29	1	30	1	.....	1	31
Suspicious character	2	.....	2	4	.....	4	6
Contempt of court	3	.....	3	1	.....	1	4
Violating internal revenue laws	12	.....	12	1	.....	1	13
Defrauding hotel	4	.....	4	.....	.....	.....	4
Indecent exposure	5	.....	5	3	.....	3	8
Criminal negligence	1	1	2	.....	.....	.....	2
Selling liquor to minors	1	.....	1	.....	.....	.....	1
Kidnapping	.....	.....	.....	1	.....	1	1

EXHIBIT B—Concluded.

	White.			Colored.			Grand Total.
	Men.	Women.	Total.	Men.	Women.	Total.	
Conspiracy	5	1	6	.....	.....	.....	6
Infanticide	.....	1	1	.....	.....	.....	1
Adultery	1	1	2	1	.....	1	3
Selling liquor without license	4	.....	4	3	.....	3	7
Pawnbroker without license	1	.....	1	.....	.....	.....	1
Bastardy	2	.....	2	2	.....	2	4
Bawdy house	.....	13	13	.....	4	4	17
Fraudulent trick	6	.....	6	1	.....	1	7
Mayhem	2	.....	2	2	.....	2	4
Cruel treatment to seamen	2	.....	2	.....	.....	.....	2
Riding on railroad cars unauthorized	10	.....	10	4	.....	4	14
Stowaways	2	.....	2	.....	.....	.....	2
Sodomy	11	.....	11	1	.....	1	12
Oleomargarine	2	.....	2	.....	.....	.....	2
Robbery	16	.....	16	4	.....	4	20
	6,069	559	6,628	3,303	808	4,111	10,739

EXHIBIT C.

SHOWING THE NUMBER OF PRISONERS COMMITTED AND HOW DISCHARGED FOR THE YEAR ENDING DECEMBER 31, 1895.

Total number of prisoners committed			10,739
Sent to the Maryland Penitentiary:			
White men	100		
" women	3		
		103	
Colored men	81		
" women	7		
		88	
Sent to Bay View:			
White men	1		
" women	3		
		4	
Colored men	2		
" women	3		
		5	
Sent to City Hospital:			
White men	2		
		2	
Sent to Maternite Hospital:			
Colored women	1		
		1	
Sent to Industrial Home for Colored Girls:			
Colored girls	2		
		2	
Sent to Mount Hope:			
White men	1		
		1	
Sent to House of Refuge:			
White male	1		
		1	
Sent to Maryland Hospital for Insane:			
White men	1		
		1	
Died in Jail:			
White men	1		
Colored men	1		
		2	
Sent to House of Correction:			
White men	135		
" women	17		
		152	
Colored men	62		
" women	6		
		68	
Sent to St. Mary's Industrial School:			
White male	1		
		1	
Pardoned by the Governor:			
White men	8		
		8	
Discharged by Courts, Magistrates, expiration of sentences and otherwise		9,740	
Remaining in Jail December 31, 1895		560	
			10,739

EXHIBIT D.

DR.

Appropriation from Mayor and City Council	$55,000 00
	$55,000 00

RECEIPTS

Received from Charles S. Beebe on contract work	$7,076 49
" " U. S. Gov't, board for prisoners	1,264 20
" " Caroline County, board for prisoners	127 00
" " Prince George's County, board for prisoners	23 00
" " Harford County, board for prisoners	34 50
" " Carroll County, board for prisoners	1 00
" " Talbot County, board for prisoners	2 00
" " Cecil County, board for prisoners	1 50
" " Accomac County, Va., board for prisoners	11 00
" " Richmond, Va., board for prisoners	9 00
" " Georgia, board for prisoners	4 50
" " Nebraska, board for prisoners	1 50
" " Virginia, board for prisoners	1 50
" " board for stowaway	4 20
" " sale of empty barrels	164 00
" " sale of old bones	21 44
" " sale of old iron and brass	19 50
" " sale of old organ	4 75
	$8,771 08

EXHIBIT D.

CR.

Officers' salaries—physician, gardener and baker	$26,969 64
Subsistence of prisoners	11,030 22
Private subsistence, hospital diet, etc	2,256 20
Fuel and light	4,695 22
Hospital	383 12
Expense	1,273 38
Sanitary	698 50
Machinery and repairs	2,609 63
Clothing and dry goods	1,369 00
	$51,284 91
Balance in hands of Comptroller	3,715 09
	$55,000 00

FOR 1895.

Paid City Comptroller	$8,771 08
	$8,771 08

PHYSICIAN'S REPORT.

HOSPITAL DEPARTMENT,
BALTIMORE, December 31, 1895.

To the Board of Visitors Baltimore City Jail:

GENTLEMEN.—I have the honor to submit the following report of the work performed by the Medical Department of the City Jail for the year ending December 31, 1895. An itemized account of the cases will be found in the annexed tables.

By reference to table it will be seen that there were only two deaths during the entire year, and they were under my care but a few days; this is, I think, a good showing, taking into consideration the number and character of cases treated. I desire to say that for the total number of alcoholism cases, I have not prescribed in the three years and four months' service as physician to this institution one gallon of whisky, which proves the fallacy of the "tapering off" theory long held by the medical profession.

Attention is called to the antiquated plumbing in the Jail, particularly in the dormitory, and the necessity of having a sanitary plumber overhaul the same, in order that it may not be a menace to the future health of the institution, which in all other respects is in good condition, for which Warden Constantine deserves credit.

I desire to return thanks to the officers for the assistance given in discharge of duties that devolved upon me as Physician to the Jail.

In conclusion, accept my sincere thanks for the many courtesies you have so kindly extended to me.

Respectfully, your obedient servant,

J. B. HART, M.D.,
Physician Baltimore City Jail, 815 Jefferson Ave.

ANNUAL REPORT FOR 1895.

FROM JANUARY 1, 1895, TO DECEMBER 31, 1895.

Abscess	23	Frost-bite	8
Alcoholism	815	Gonorrhœa	85
Adenitis	18	Hematuria	18
Anasarca	16	Hemorrhoids	20
Asthma	8	Heart Disease	7
Bronchitis, catarrhal	124	Hemorrhages	6
" chronic	15	Iritis Syphilitic	5
Burn	16	Insomnia	37
Chancroid	106	Intermittent Fever	18
Carbuncle	38	Malaria	59
Cholera Morbus	44	Neurasthenia	2
Colic	68	Neuralgia	31
Constipation	206	Nervous Debility	52
Consumption	10	Opium Habit	12
Conjunctivitis	68	Pediculi Pubi	23
Diarrhœa	38	Rheumatism	94
Dysentery	22	Retention of Urine	8
Dislocations	2	Sprains	12
Dyspepsia	10	Syphilis	81
Eczema	23	Tonsillitis	25
Epilepsy	9	Ulcer, chronic	16
Erysipelas	11	Venereal Warts	22
Earache	48		
Fistula	3	Total	2,382

SUMMARY.

White males	929	
" females	128	
Colored males	977	
" females	348	
		2,382

RESULT OF TREATMENT.

Births	1	
Cured	2,017	
Relieved	365	
Died	2	
Under treatment	10	
		2,395

SENT TO BAY VIEW ASYLUM, ETC.

White males	2	
" females	..	
Colored males	2	
" females	2	
		6

DEATHS.

James E. Green died at 6.30 A. M., April 17, of heart disease.

Michael Frank (white), age 61, died at 6 A. M., September 9, of alcoholism.

BIRTHS.

Frances Downs gave birth to a still-born female child October 19, 1895.

RECAPITULATION FOR YEAR ENDING 1895.

Jan'y—White males	80	
White females	20	
Colored males	114	
Colored females	24	
		238
Feb'y—White males	67	
White females	8	
Colored males	91	
Colored females	12	
		178
March—White males	63	
White females	11	
Colored males	74	
Colored females	18	
		166
April—White males	70	
White females	38	
Colored males	87	
Colored females	56	
		251
May—White males	52	
White females	8	
Colored males	53	
Colored females	26	
		139
June—White males	30	
White females	3	
Colored males	51	
Colored females	37	
		121
July—White males	76	
White females	4	
Colored males	63	
Colored females	29	
		172
Aug.—White males	55	
White females	8	
Colored males	80	
Colored females	23	
		166
Sept.—White males	62	
White females	4	
Colored males	91	
Colored females	25	
		182
Number carried forward		1,613

Number brought forward		1,613
Oct.—White males	61	
White females	9	
Colored males	118	
Colored females	30	
		218
Nov.—White males	125	
White females	6	
Colored males	126	
Colored females	24	
		281
Dec.—White males	187	
White females	9	
Colored males	129	
Colored females	44	
		369
Total number of new cases		2,481

Number of surgical cases	255
Number of teeth extracted	33
Total number of visits made	8,549

ANNUAL REPORT

—OF THE—

EXAMINER OF TITLES

—TO THE—

Mayor and City Council of Baltimore,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1895

REPORT.

OFFICE OF THE EXAMINER OF TITLES,

BALTIMORE, January 3, 1896.

To the Honorable Alcaeus Hooper, Mayor:

DEAR SIR.—I have the honor of submitting to you my annual report of the principal work done in the Department of the Examiner of Titles during the year ending December 31, 1895:

FIRST.

PRELIMINARY EXAMINATIONS OF THE FOLLOWING STREET TITLES:

STREETS TO BE OPENED.

Bayard street, between Ohio and Columbia avenues.

Bouldin alley, between Wilson and Laurens streets (widening).

Brunt street, between Laurens and Robert streets.

Windsor avenue, between North avenue and Clifton street.

Patterson avenue, between Fulton avenue and Monroe street.

Alluvion street, between Ridgely and Warner streets.

Townsend street, between Bond and Washington streets.

Burke street, between Belair avenue and Oliver street.

Fayette street, (a seventy-foot street) between Luzerne street and eastern city limits.

Payson street, between North avenue and Clifton street

Pulaski street, between North avenue and Clifton street.

Clarkson alley, (opening and widening) from the north side of Barney street to Moale street.

Castle alley, (opening and widening) from Oliver street to North avenue.

Eutaw Place extended, between North avenue and Druid Hill Park, and deed drawn under Act of Assembly of 1894, Chapter 123, and executed.

SECOND.

Final Examination of Streets, for Payment of Damages to the Respective Owners.

Whitelock street, from North to Linden avenues.

Bouldin alley, (widened) from Bloom to Baker streets.

Madison street, from Patterson Park avenue to Washington street.

Madison street, from Patterson Park avenue to Grove alley.

THIRD.

Examinations of Titles and Preparation of Deeds to the City of Lots Purchased for School Purposes.

Lot on Aisquith street, an addition to Male and Female Grammar School No. 13, deed prepared and executed.

Lot of ground on Hanover street, south of Winder street, for a new Primary School No. 35.

Lot on southeast corner of Biddle street and Patterson Park avenue (Herbert) for Primary School No. 37, deed prepared and executed.

Three lots located on Carey street and Chappell alley, leased for use of Colored School No. 9, leases prepared and executed.

The ground rents issuing out of these lots were purchased by the Finance Commissioners for the sinking fund, and deeds to the city prepared and executed.

Lease of two lots at the corner of Linden avenue and Konig street for Annex School No. 18.

Lease and deed of the ground rent issuing out of lot situate at Columbia avenue and Carey street (Carswell) for Primary School No. 34. The Finance Commissioners purchased the ground rent for the sinking fund; deed prepared and executed.

FOURTH.

Miscellaneous.

Clifton Park.—Examined title and prepared deed, which was executed.

Two lots on west side of South Sharp street, running to the rear of No. 2 Engine House on Barre street, examined title and prepared deed, which was executed for the Fire Department.

Also for the same department, a confirmatory deed from the Stein estate, lot on south side of Lafayette avenue.

Deed from the trustees of the estate of William Wilkens, deceased, and others interested, of the beds of Payson, Pulaski and Smallwood Streets, from the south side of McHenry street to the north side of Wilkens avenue; and the bed of Bentalou street, from the south side of Frederick avenue to the north side of Wilkens avenue.

Deed from Edwin Geer, administrator, of a lot on South side of Perry street, for the benefit of the Public School Fund.

Five deeds of the ground rents issuing out of lots improved by Cross-street Market, purchased by the Finance Commissioners for the benefit of the sinking fund.

Deed of Clifton avenue, North avenue and Twelfth street in Walbrook, from the West Boundary Real Estate Company.

FIFTH.

The Examiner, in addition to the aforegoing work, has rendered service from time to time whenever called upon by the Council or by the various departments in the performance of the duties of their respective offices. In this connection information has been furnished the City Commissioner as to whether or not the following streets are public highways, viz.:

Rose street, formerly Porter alley—part of Rogers' addition to Baltimore Town—(Ordinance No. 84, approved May 4, 1894), claimed by the Canton Company.

St. Paul street, between Huntingdon and Waverly avenues.

Waverly avenue, from St. Paul street to the York road.

Durst and Strausburg alleys.

Bank lane.

Liberty road within the city limits.

St. Paul street, north of Huntingdon avenue.

Cooksie street, from Clement to Cuba street.

Castle street, from Monument to Eager street.

Patuxent street, from Boston to Elliott street.

Race street, from Cross to Hanover street.

Baker street, from Fulton avenue to Liberty road.

The intersection of Bank and Chester streets.

Franklin street, between the old western city limits and Monroe street.

Monroe street, between Saratoga and Franklin streets.

Ridgely street, between Bayard and Gunpowder streets.

Certain work was done for the Public Park Commission, to-wit:

Drafting an ordinance for the interchange of property with Robert Poole, and preparing lease or rental agreement of the stone house at the entrance of Druid Hill Park with John S. Gittings and others.

Superintended the execution of a release of mortgage and the cancellation of all the bonds therein mentioned from the city to the Union Railroad and the Northern Central Railway Companies, mortgage made in 1867.

An agreement in duplicate was prepared as to the right-of-way over the necessary ground to enable the City Commissioner to construct Alluvion-street sewer, but could not be executed because of the mental disability of one of the land-owners.*

Under the Act of 1894, Chapter 312, the city, in acquiring property in street openings, is authorized to obtain the fee simple interest therein; in pursuance of this act, the Examiner, in addition to taking releases under the condemnation proceedings, also required deeds to be executed by the owners to whom damages were paid.

Under an ordinance approved May 25, 1882, being Ordinance No. 92, the Commissioners of Finance were authorized to invest $200,000 in the purchase of the reversion and rent under any lease to be made by the Western Maryland Railroad Terminal Company to the Western Maryland Railroad Company of lands, or interest in lands, adjacent to what is known as Hillen Station.

The whole of this sum was not so invested because of a defect in the titles of some of the lands so to be leased. This defect, which has been the subject-matter of a very long and complicated litigation, has not been entirely removed, but will be done by the parties in interest in due time by appropriate chancery proceedings. The Examiner had submitted to him certain conveyances for approval,

* Since the writing of this report, the Examiner has had this agreement executed and recorded among the land records of the city.

which were intended to carry out the provisions of the ordinance above named, but whilst desirous of facilitating the end of the transaction, and that as speedily as possible, he could not, in the city's interest, approve of the execution of the papers in the present stage of the title to so much of the land as is covered by the defect aforesaid.

It is hardly possible to give more than a general summary of the work performed in the Examiner's Department, which has been done in the aforegoing report, but it is proper to say that all of the work involves very much detail, as well as great care and responsibility.

Respectfully submitted,

JAMES W. McELROY,

Examiner of Titles.

ANNUAL REPORT

— OF THE —

Judges of the Appeal Tax Court

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

APPEAL TAX COURT—CITY HALL,

BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—We beg leave herewith to submit the result of the labor of this department for the year ending on the 31st day of December, 1895.

Tabular Statement "A" shows the taxable basis charged to the City Collector for the years 1892 to 1895, both inclusive, with the assessments added to each, and the collection and abatements on each.

Table "B" exhibits by wards the number of building permits issued during the year.

Table "C," the Assessor's report, shows the number of new buildings and additional improvements assessed by the Court's Assessor, the wards in which they are severally located, and the detailed and aggregate valuation of the same.

Following these tables will be found the reports respectively of the Assessors for Real Estate and the Bailiffs.

TABLE A.

STATEMENT OF PROPERTY FOR EACH YEAR CHARGED TO THE CITY COLLECTOR, DECEMBER 31, 1895.

1892.

1895.		*Real.*	*Personal.*
Jan. 1.	To amount remaining uncollected.	$ 62,578	$547,068
April 30.	" " new assessment		1,000
Dec. 31.	To amount assessments to cover refunds and double payments.....	400,000	
		$462,578	$548,068
1895.			
Jan. 31.	By abatement.....		$ 14,543
Feb. 28.	" "	$ 400	48,496
Mar. 30.	" "		11,125
April 30.	" "		31,550
May 31.	" "		13,749
June 30.	" "		9,470
July 31.	" "	141	27,367
Aug. 31.	" "	1,000	700
Sept. 30.	" "	7,500	17,938
Oct. 31.	" "		6,563
Nov. 30.	" "		850
Dec. 31.	" "		17,347
Dec. 31.	" amount collected	351,966	275,809
Dec. 31.	" remaining uncollected.....	101,571	72,561
		$462,578	$548,068

1892—Annex.

1895.		
Jan. 1.	To amount remaining uncollected.	$183,236
1895.		
April 30.	By abatement.....	$ 950
Sept. 30.	" "	6,800
Dec. 31.	" amount collected.....	22,391
Dec. 31.	" remaining uncollected.....	153,095
		$183,236

1893.

1895.			
Jan. 1.	To amount remaining uncollected..	$11,517,055	$2,402,722
April 30.	" " new assessments		1,850
Dec. 31.	To amount assessment to cover refunds and double payments	200,000	
		$11,717,055	$2,404,572

TABLE A—Continued.

1895.		*Real.*	*Personal.*
Jan. 31.	By abatement		$ 66,686
Feb. 28.	" "	$ 1,650	133,878
Mar. 30.	" "	14,000	13,315
April 30.	" "		55,596
May 31.	" "	450	17,304
June 30.	" "	1,250	79,173
July 31.	" "	141	83,795
Aug. 31.	" "	1,000	5,250
Sept. 30.	" "	8,200	22,163
Oct. 31.	" "	10,967	16,276
Nov. 30.	" "	1,113	19,776
Dec. 31.	" "		51,636
Dec. 31.	" amount collected	11,614,902	1,061,351
Dec. 31.	" remaining uncollected	63,382	778,373
		$11,717,055	$2,404,572

1893—Annex.

1895.			
Jan. 1.	To amount remaining uncollected	$1,145,605	$51,982
1895.			
April 30.	By abatement	$ 2,583	$ 950
May 31.	" "		1,775
Sept. 30.	" "	600	3,700
Nov. 30.	" "	1,275	5,123
Dec. 31.	" amount collected	905,641	14,155
Dec. 31.	" remaining uncollected	235,506	26,279
		$1,145,605	$51,982

1894.

1895.			
Jan. 1.	To amount remaining uncollected	$67,163,074	$14,128,974
April 30.	" " new assessment	3,040	449,618
Dec. 31.	" " " "	775	10,619
		$67,166,889	$14,589,211
1895.			
Jan. 31.	By abatement	$ 13,812	$ 500,793
Feb. 28.	" "	2,930	147,976
Mar. 30.	" "	31,548	100,910
April 15.	" "	12,131	91,740
May 31.	" "	104,206	165,732
June 30.	" "	3,739	82,275
July 31.	" "	10,214	227,302
Aug. 31.	" "	6,462	8,735
Sept. 30.	" "	7,500	91,907
Oct. 31.	" "	12,317	101,606
Nov. 30.	" "	4,520	35,119
Dec. 31.	" "	650	213,737
Dec. 31.	" plant		1,173,599
Dec. 31.	" amount collected	53,682,791	8,815,241
Dec. 31.	" remaining uncollected	13,274,069	2,832,539
		$67,166,889	$14,589,211

TABLE A—Continued.

1894—Annex.

1895.		*Real.*	*Personal.*
Jan. 1.	To amount remaining uncollected..	$8,060,474	$753,587
April 30.	" " new assessment	180,436	40,908
Dec. 31.	" " " "		6,500
		$8,240,910	$800,995
1895.			
April 15.	By abatement.....	$ 214,445	$ 64,130
May 31.	" "	12,200	2,635
Sept. 30.	" "	900	4,575
Nov. 30.	" "	3,075	10,047
Dec. 31.	" "	5,400	200
Dec. 31.	" plant		64,100
Dec. 31.	" amount collected	6,514,786	464,964
Dec. 31.	" remaining uncollected.....	1,490,104	190,344
		$8,240,910	$800,995

1895.

1895.			
April 30.	To amount of assessment of 1894 remaining as portion of assessment for 1895, less incorporated companies	$221,447,686	$40,352,291
May 31.	To amount of assessment, judgments Superior Court		121,081
May 31.	To amount of assessment, judgments City Court		95,703
May 31.	To amount of assessment, judgments Common Pleas Court.....		42,597
May 31.	To amount of new assessments	4,538,881	1,289,096
Dec. 31.	" " " "	6,573	693,011
Dec. 31.	To amount of new assessments incorporated companies.....		31,732,968
		$225,993,140	$74,326,747
1895.			
May 31.	By abatement	$ 925,830	$ 1,370,445
June 30.	" "	23,084	295,484
July 31.	" "	20,535	521,699
Aug. 31.	" "	12,935	20,135
Sept. 30.	" "	11,337	121,551
Oct. 31.	" "	26,896	188,053
Nov. 30.	" "	27,415	83,058
Dec. 31.	" "	29,704	576,405
Dec. 31.	" amount collected.....	157,022,987	54,939,315
Dec. 31.	" remaining uncollected.....	66,892,417	16,210,602
		$225,993,140	$74,326,747

TABLE A—Concluded.

1895—ANNEX.

1895.		*Real.*	*Personal.*
May 31.	To amount of assessment of 1894 remaining as portion of assessment for 1895, less incorporated companies	$23,236,664	$2,125,387
May 31.	To amount new assessment	1,554,465	62,515
Dec. 31.	" " " "	13,287	135,553
Dec. 31.	To amount new assessment incorporated companies		4,325,370
		$24,804,416	$6,648,825
1895.			
May 31.	By abatement	$ 90,464	$ 85,896
June 30.	" "	17,777	6,100
Sept. 30.	" "	7,163	35,411
Nov. 30.	" "	23,375	6,887
Dec. 31.	" "	113,600	9,200
Dec. 31.	" amount collected	15,425,857	4,206,704
Dec. 31.	" remaining uncollected	9,126,180	2,298,627
		$24,804,416	$6,648,825

RECAPITULATION.

AMOUNT FOR DIFFERENT YEARS THAT IS CHARGED TO THE CITY COLLECTOR, JANUARY 1, 1896.

1892—Real	$101,571		
Personal	72,561		
			$ 174,132
1893—Real	$ 63,382		
Personal	778,373		
			841,755
1894—Real	$13,274,069		
Personal	2,832,539		
			16,106,608
1895—Real	$66,892,417		
Personal	16,210,602		
			83,103,019
			$100,225,514
Less amount of plant, 1895			1,204,920
			$99,020,594
Amount of exemption of plant of incorporated companies			$2,015,018

CITY ANNEX—RECAPITULATION.

AMOUNT FOR DIFFERENT YEARS THAT IS CHARGED TO THE CITY COLLECTOR, JANUARY 1, 1896.

1892		$ 153,095
1893—Real	$235,506	
Personal	26,279	
		261,785
1894—Real	$1,490,104	
Personal	190,344	
		1,680,448
1895—Real	$9,126,180	
Personal	2,298,627	
		11,424,807
		$13,520,135
Less amount of plant, 1895		63,500
		$13,456,635

TABLE B.

THE NUMBER OF PERMITS ISSUED FROM JANUARY 1, 1895, TO DECEMBER 31, 1895, FOR NEW BUILDINGS AND IMPROVEMENTS WERE:

Wards.	*New Improvements.*	*Additional Improvements.*	*Total.*
1	165	64	229
2	6	12	18
3	2	12	14
4	20	16	36
5	11	19	30
6	5	19	24
7	303	38	341
8	97	19	116
9	5	15	20
10	11	22	33
11	7	20	27
12	90	24	114
13	4	8	12
14	8	14	22
15	5	14	19
16	2	25	27
17	125	48	173
18	127	42	169
19	261	32	293
20	34	17	51
	1,288	480	1,768
21	689	103	792
22	336	95	431
	1,025	198	1,223

To the Honorable the Judges of the Appeal Tax Court:

GENTLEMEN.—I most respectfully submit the following as my report for the year ending December 31, 1895, of the number of new and additional improvements, the several wards in which they are located, and the assessed value of the same:

TABLE C.

Wards.	*Additional Improvements.*	*New Improvements.*	*Value.*
1	10	237	$218,300
2	9	7	12,600
3	9	3	13,050
4	10		3,900
5	17	28	56,000
6	15		3,200
7	12	251	229,400
8	13	123	231,100
9	12	7	265,900
10	14	13	224,150
11	15	13	53,950
12	21	76	275,100
13	13	4	30,050
14	6	4	29,850
15	9	10	28,250
16	28	3	17,900
17	45	94	100,100
18	44	224	202,700
19	26	280	263,950
20	12	68	60,250
	340	1,445	$2,319,700

Of this amount, $409,150 went in basis of 1895.

Very respectfully,

JOSHUA D. TAYLOR,

Assessor of New Property.

PLANT.

The exemption from city taxes for plant in 1895 aggregate a total of $1,204,920 to individuals, and exemption to incorporated companies, $2,015,018; total, $3,219.938. City Annex, $63,500.

REFUNDS.

From January 1, 1895, to December 31, 1895, there have been ninety-two (92) orders for refunding of taxes, given generally to parties who have paid in error, either as double payment or on wrong property, or have paid on old improvements torn down, as well as on the new improvements.

TRANSFERS.

From January 2, 1895, to February 15, 1895	2,572
From May 16, 1895, to December 31, 1895	5,090
Total	7,662

TAX DEPARTMENT,

CITY COLLECTOR'S OFFICE—CITY HALL,

BALTIMORE, January 1, 1896.

To the Honorable the Judges of the Appeal Tax Court:

GENTLEMEN.—The undersigned reports the Bailiff's Department as having made assessments of personal property to March 1, 1895, of the following amount: One million two hundred and eighty thousand and ninety-six dollars ($1,280,096).

Respectfully submitted,

P. SCANLAN, *Bailiff.*

BALTIMORE, January 8, 1896.

To the Honorable the Judges of the Appeal Tax Court:

GENTLEMEN.—I have the honor to submit for your consideration the Assessor's report on appeals filed for abatements on real estate for the year ending December 31, 1895:

Wards.	*No. of Appeals.*	*No. Granted.*	*No. Dismissed.*	*Amt. Abated.*
1...	31.....	12.....	19.....	$ 4,150
2...	28.....	22.....	6.....	5,300
3...	26.....	16.....	10.....	4,850
4...	21.....	13.....	8.....	3,250
5...	65.....	39.....	26.....	13,850
6...	41.....	20.....	21.....	8,250
7...	41.....	16.....	25.....	3,625
8...	27.....	15.....	12.....	4,550
9...	40.....	26.....	14.....	18,800
10...	31.....	13.....	18.....	6,450
11...	23.....	13.....	10.....	9,800
12...	83.....	52.....	31.....	40,537
13...	27.....	21.....	6.....	6,300
14...	58.....	43.....	15.....	23,950
15...	33.....	27.....	6.....	26,650
16...	36.....	26.....	10.....	9,575
17...	22.....	9.....	13.....	11,400
18...	65.....	29.....	36.....	13,350
19...	139.....	76.....	63.....	26,134
20...	63.....	27.....	36.....	9,900
	900	515	385	$250,671

From the report of the Assessors there were 185 appeals to your Honorable Body for further relief.

Upon these appeals the Court allowed additional abatements of $30,800, which are included in the above statistics.

Respectfully submitted,

WILLIAM J. KING, *Chief Assessor.*

FRANCIS X. JENKINS, *Clerk to Assessors.*

BALTIMORE, December 31, 1895.

To the Honorable the Judges of the Appeal Tax Court:

GENTLEMEN.—The undersigned, by virtue of Ordinance No. 63, approved March 30, 1893, entitled "An ordinance to provide for the appointment of three additional Assessors in the Tax Department," etc., etc., was appointed Chief Assessor, with duties to perform as provided in said ordinance, begs leave respectfully to report that the reassessments made and placed on record for the year 1895, after revision by your Honorable Court, amounted to the sum of $953,971, as by reference to assessment book of 1895, pages 54 to 76, will appear.

The number of appeals filed asking abatements during the year, and referred to this Board by your Honorable Court for examination and report, was 900, representing 1,134 improvements.

Of these appeals, after revision by the Court, the abatements on 515 of the same aggregated $250,671; and on 385 there was no abatement allowed, as set forth in the accompanying statistics.

During the year there have been delivered by the Assessors 150 notices to executors, administrators or trustees to appear before your Honorable Court to adjust assessments of the estates of persons recently deceased.

Over 2,000 lots of ground have been reassessed by the Assessors, for which "notices" are being prepared for delivery by the Assessors to the owners thereof, giving the five days' notice required by law to appear before the Court and make such abatements, or present such proof as they may desire in reference to the valuation made, before being finally determined.

I have no doubt but that after final hearing the assessments made by the Board will add considerably to the taxable basis of 1896.

There were 319 applications for abatements under the ordinance known as the "Plant Ordinance" referred to the Assessors for examination and report.

The examinations were made and the report submitted to the Court as required by law.

In accordance with Section 3, the provisions of Ordinance No. 63 referred to above, I have been present in your Honorable Court when notified.

Respectfully submitted,

WILLIAM J. KING,
Chief Board of Assessors.

FRANCIS X. JENKINS, *Clerk to Assessors.*

The abatements of personal property for the past year are due, in a large degree, to the great stagnation in business, from which we are about recovering, rendering it necessary for merchants and manufacturers to carry as little stock as is requisite for their operations; and also a very great portion of the abatements were made by the Court upon the oath of the City Collector, or his deputy, of worthless or non-collectible personal assessments, many of which were worthless judgments placed upon the tax ledgers by a statute of the State, which compels the Clerks of the City Courts to report all judgments docketed by them to the Appeal Tax Court for assessment, for which duty they receive a fee from the city.

In our opinion the act should be repealed, as its enforcement creates a fictitious basis and is an onerous tax upon those that reduce their book accounts to judgments.

The abatements upon appeals on real estate were about $25,000 less than in 1894.

It is gratifying to report that the basis, after deducting all abatements, has increased nearly $3,000,000.

The Court respectfully calls attention to the report of the Chief Assessor in regard to the revaluation of ground, which duty the Assessors and the Court are now actively engaged in performing.

In view of the great inequality of taxation in the city occasioned by the depreciation of property in some sections, and the enhancing thereof in other sections, we feel that it is our imperative duty that we should advise you of this condition of affairs, and that the City Council should again, at an early day, take such action as will recommend to the Legislature of Maryland for its favorable consideration the passage of an act for a general reassessment of the property of Baltimore City, so that its citizens, in many instances, may be relieved from the onerous and oppressive burden of unequal and unjust taxation.

Respectfully submitted,

WILLIAM H. B. FUSSELBAUGH,
E. J. CHAISTY, JR.,
EUGENE T. JOYCE,
Judges of the Appeal Tax Court.

THOMAS K. MCCORMICK, *Chief Clerk.*
MICHAEL H. DOYLE, *Assistant Clerk.*

ANNUAL REPORT

—OF THE—

Electrical Subway Commission

—TO THE—

Mayor and City Council of Baltimore,

—FOR THE—

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

BALTIMORE, January 1, 1896.

To the Honorable Chairman and Members of the Electrical Commission of Baltimore City:

GENTLEMEN.—I herewith respectfully beg to submit my report for the year 1895:

In order to make clear the conditions under which the work of constructing the conduits for the underground system of the Police and Fire-Alarm Telegraph and Police Patrol has been carried on, it will be necessary to call attention to the several ordinances which refer to the work.

The Mayor and City Council of Baltimore were authorized by ordinance, which ordinance was ratified by popular vote, "to issue stock of the City of Baltimore to an amount not exceeding six million of dollars." Of this amount, two hundred and twenty-five thousand dollars ($225,000) was set apart for the construction of conduits for the Police and Fire-Alarm Telegraph system.

Ordinance No. 106, of May 1, 1893, authorized and directed the Board of Fire Commissioners and the Superintendent of the Fire-Alarm Telegraph to advertise for proposals for constructing conduits, etc., but this ordinance was afterwards declared defective by the city legal authorities and repealed.

Subsequently, on March 19, 1894, an ordinance was passed creating the "Construction Committee of the Underground System of the Police and Fire-Alarm Telegraph and Police Patrol," the committee consisting of the Mayor, City Register and Chairman of the Board of Fire Commissioners. This ordinance appropriated one hundred thousand dollars ($100,000) of the two hundred and twenty-five thousand dollars ($225,000) set apart for conduit construction, and authorized and directed the above committee

to advertise for proposals for the construction of conduits and the necessary cable to place therein.

Ordinance No. 34, approved April 16, 1895, authorized and directed the Electrical Commission of the City of Baltimore to continue the work of placing the wires of the Police and Fire-Alarm Telegraph and Police Patrol under ground, and appropriated one hundred thousand dollars ($100,000) additional to defray the expenses of such work.

Ordinance No. 107, approved June 12, 1895, styled "An ordinance creating the Electrical Commission of the City of Baltimore," in addition to the duties already assigned to the Electrical Commission under Ordinance No. 34, directed said Commission to prepare plans and estimates for a general subway system.

My report for 1894 gives in detail the general plan of the work of the underground system of the Police and Fire-Alarm Telegraph and Police Patrol, the office organization effected for the execution of the work and the style of conduit used.

CONDUIT CONSTRUCTION.

In compliance with the ordinance of March 19, 1894, proposals were invited for the construction of conduits. In response seven proposals were received; and, after careful comparison of all of the bids submitted, the contract was awarded to the White-Crosby Company by the honorable members of the committee.

The work contracted for by the White-Crosby Company covered an area bounded by Caroline street on the east, Madison and Biddle streets on the north, Fremont avenue on the west, and Hamburg street and the water front on the south—(see Drawing No. 1). This company agreed to finish this work in 120 working days from October 13, 1894. Owing to the severity of the winter of 1895, however, work was suspended by order of the Commission from January 1 to April 1, and as the White-Crosby Company failed to complete the work within the specified number of working days, their contract was not fulfilled until October 1, 1895.

In compliance with Ordinance No. 34, of April 16, 1895, proposals were invited for additional conduit construction on May 30, 1895. In response to this invitation three proposals were received from the White-Crosby Company of

Baltimore, the National Conduit Manufacturing Company of New York, and H. Ashton Ramsay of Baltimore. Below will be found a table giving the amounts of the several bids.

TABLE No. 1.

	White-Crosby.	*H. A. Ramsay.*	*National Conduit.*
Conduit and trench work	$60,297 80	$34,496 02	$57,237 70
Manholes	8,109 00	8,347 50	5,724 00
Distribution boxes	7,163 48	4,447 86	6,651 50
Posts	797 00	898 00	835 25
Subsidiary connections	797 40	797 40	797 40
	$77,164 68	$48,986 78	$71,245 85
2.3 per cent. added for extras	1,774 78	1,126 70	1,648 65
	$78,939 46	$50,113 48	$72,894 50
10 per cent. added for superintendence, office expenses, etc	7,893 94	5,011 34	7,289 45
Totals	$86,833 40	$55,124 82	$80,183 95
Cost per foot of duct	57.9 cents.	36.8 cents.	53.4 cents.
Number of feet of duct			149,860

The bid of H. Ashton Ramsay, as will be seen above, was the lowest, but Mr. Ramsay failed to file a certified check for one thousand dollars ($1,000) as called for by the advertisement. His bid was, therefore, ruled out upon the advice of the City Attorney, and the contract awarded to the lowest *bona fide* bidder—the National Conduit Manufacturing Company.

The bid of the National Conduit Manufacturing Company amounted to $72,894.50. This amount included the cost of the construction of conduit in three sections, viz.: Section 1, bounded by Lombard street on the north, Patterson Park avenue on the east, the water front on the south, and Caroline street on the west; Section 2, bounded by Dolphin street, Mt. Royal avenue and Chase street on the north, Gay street on the east, Madison and Biddle streets on the south, and Pennsylvania avenue on the west; Section 3, bounded by Pratt street on the north, Fremont avenue on the east, Hamburg street on the south, and Cross and Poppleton streets on the west. It was found, however, that with the

appropriation available it would be impossible to do this amount of work; and, therefore, the contract with the National Conduit Manufacturing Company only embraced Sections 1 and 2—(see Drawing No. 1).

Of the work contracted for by the National Conduit Manufacturing Company, all has been completed, save the Gay Street Trunk Line and a few squares of lateral conduit. The total number of feet of conduit and duct laid to date will be found in the following table:

TABLE No. 2.

TABLE SHOWING THE AMOUNT OF CONDUIT LAID TO JANUARY 1, 1896.

LAID BY.	No. OF DUCTS.	STYLE OF PAVEMENT.								TOTAL NUMBER OF FEET OF CONDUIT.		NUMBER OF FEET OF DUCT.	
		Cobble.		Belg. Blocks.		Block Asph't		Sheet Asph't.					
		Feet.	Ins.	Feet.	Ins.	Feet.	Ins.	Feet.	Ins.	Feet.	Ins.	Feet.	Ins.
White-Crosby Company	6	12,611	10	6,154	4	582	....	344	10	19,693	....	118,158	....
National Conduit Company.	6	5,408	8	3,973	5	.....	....	118	1	9,500	2	57,001	....
White-Crosby Company	4	3,618	10	2,629	6	.....	....	564	....	6,812	4	27,249	4
National Conduit Company.	4	2,320	11	256	4	.....	....	.....	....	2,577	3	10,309	....
White-Crosby Company	2	38,051	11	10,298	5	194	11	616	2	49,161	5	98,322	10
National Conduit Company.	2	10,830	10	2,035	4	288	11	712	9	13,867	10	27,735	8
White-Crosby Company	1	14,059	3	6,297	2	588	1	99	1	21,043	7	21,043	7
National Conduit Company.	1	3,596	....	1,815	7	774	7	383	2	6,569	4	6,569	4
Totals		90,498	3	33,460	1	2,428	6	2,838	1	129,224	11	366,388	9

The conduit laid by the National Conduit Manufacturing Company was of the class known as the cement-lined conduit.

CABLE AND ELECTRICAL CONNECTIONS.

On February 2, 1894, proposals were invited for furnishing cables, test-boards, terminals, drawing in cables and other work required to complete the electrical equipment of the underground system within the area in which the White-Crosby Company had constructed conduits, viz.: the area bounded by Caroline street on the east, Madison and Biddle streets on the north, Fremont avenue on the west, and Hamburg street and the water front on the south. Three companies submitted proposals in response to this advertisement—the Western Electric Company of Chicago and New York, the John A. Roebling's Sons Company of Trenton, N. J., and the Standard Underground Cable Company of Pittsburg, Pa. The amount of these several bids will be found in the following table:

TABLE No. 3.

	Western Electric.	*Roebling's Sons.*	*Standard Underground.*
Cable and drawing in	$31,662 05	$32,501 03	$29,812 63
Splicing	3,281 10	3,560 00	2,703 60
House terminals	895 53	902 00	902 00
Pole terminals	1,021 93	977 10	977 10
Central Station test-board and equipment	250 00	264 00	264 00
	$37,110 61	$38,204 13	$34,659 33

Although not the lowest bidder, the honorable members of the commission awarded the contract to the Western Electric Company, after reviewing the recommendations contained in my report to the Commission, made at the time of the award.

The cable furnished by the Western Electric Company is lead covered, and has a saturated paper core. The cable was furnished under a specification prepared in this office, which required an insulation resistance of not less than 800 megohms per mile at the factory; 400 megohms per mile when laid, spliced and connected up, and 200 megohms per mile at the end of three years.

The contractor, the Western Electric Company, agrees that all cable shall be guaranteed in every particular (except against mechanical injury) for three years, and further guarantees the insulation resistance required at the end of that time. Should the cable fail to give full and efficient service at any time during the period for which it is guaranteed, or should it fail to comply with the specifications, the contractor agrees, on notice from the Mayor, to furnish within sixty days a like amount of cable under the same guarantee, and subject to the conditions of the same specifications, without expense to the City of Baltimore, or to refund the moneys paid for the cable, as shall be determined by the Mayor. The contractor also filed a bond for fifteen thousand dollars ($15,000) to insure prompt repairs or payment, as stated above.

Each engine house and police station is equipped with a test-board, and is made a testing station for the system.

The Central Station, at the City Hall, is equipped with a complete testing outfit, including a Thompson reflecting galvanometer, dial bridge, high resistance box, standard condenser, etc., for testing purposes and the proper maintenance of the plant.

All of the police patrol circuits of the Central, Eastern, Northeastern, Southern and Western Police Districts are now in service on the underground system, and the telephone lines between the various stations have also been thrown in use. In a few days it is expected to have all of the police wires operated through the underground system, and shortly thereafter the fire-alarm telegraph wires. The cable for the sections built by the National Conduit Manufacturing Company remains yet to be ordered.

ORDINANCES FOR THE PROTECTION OF THE CITY'S PLANT.

This office has been greatly annoyed and subjected to quite a little expense by the willful defacement of the signal-box posts at the hands of maliciously inclined persons; and, of late, the copper ground wires extending up to and in the signal-box posts have been cut and some of the wire stolen. The attention of the Police Department has been several times called to this vandalism, but as yet the culprits have not been caught and the evil still continues. The magnitude of the offense can be more fully appreciated when it is remembered that such vandalism, unless checked, might lead

to the disablement of the Fire Department at a critical time, and hence great loss of property.

Below will be found an ordinance framed to facilitate the prompt dispensation of justice to offenders, and which provides punishment commensurate with the offense:

An ordinance imposing a fine on any person or persons found interfering with, defacing or in any way injuring the fire-alarm signal-box posts, police patrol-box posts, manholes, distribution boxes, sub-surface boxes and conduits of the underground system of the Police and Fire-Alarm Telegraph and Police Patrol.

"Be it enacted and ordained by the Mayor and City Council of Baltimore, That any person or persons who shall deface, injure or interfere with in any way whatsoever the fire-alarm signal-box posts, police patrol-box posts, manholes, distribution boxes, sub-surface boxes or conduits of the underground system of the Police and Fire-Alarm Telegraph and Police Patrol, for each and every offense shall be subject to a fine of not more than fifty dollars ($50), or less than ten dollars ($10), such fine to be collected as other fines for violation of city ordinances are collected."

Section 116, Article 7, of the Baltimore City Code (1893), gives to any person building a house the right to use one-third part of any street, lane or alley for the purpose of placing supplies necessary for building purposes. On several occasions persons exercising this right to use one-third part of the street have piled their materials directly over the covers of the manholes and distribution boxes of the city, and the Chesapeake and Potomac Telephone Company's conduits, thereby precluding all access to the cables laid in the conduits.

In the event of the failure of a cable carrying fire-alarm wires, it is imperative that immediate access be had to every part of the conduit system. Should therefore a pile of bricks fifteen feet high be placed immediately over the cover of a manhole which it is necessary to open, it is obvious that, without legislation protecting such exigency, the fire-alarm system might be disabled for a considerable period of time. I therefore submit the following to amend Section 116, Article 7, of the Baltimore City Code (1893):

An ordinance to amend Section 116, Article 7, of the Baltimore City Code (1893).

"Be it enacted and ordained by the Mayor and City Council of Baltimore, That Section 116, Article 7, of the Balti-

more City Code (1893), be and is hereby amended to read as follows:

"'It shall and may be lawful for any person employed in building or repairing any house to occupy one-third part of any street, lane or alley of the city, clear of the footways, in front of any lot on which such buildings are being erected or repaired, with the materials necessarily used in erecting and repairing such buildings, until the same be covered or repaired, and sixty days thereafter, and no longer, under the penalty of forfeiting one dollar for each and every day the same shall be suffered to remain thereafter; also to use and occupy one-third part of such street, lane or alley in front of such lot with plastering mortar and other materials necessary for plastering such house or building for ninety days, and no longer, under a penalty of one dollar for each and every day the same shall be suffered to remain thereafter; and if any person or persons shall occupy more than one-third the width of any street, lane or alley without the permission of the Mayor, he, she or they shall be subject to a fine of not less than one or more than five dollars for each and every day the same shall be suffered to remain, *provided that such person or persons employed in building or repairing any house shall not by so occupying such one-third part of any street, lane or alley of the city obstruct access to the manholes and distribution boxes of the electrical subways and conduits belonging to the City of Baltimore, or belonging to any person or corporation operating under rights granted by the City of Baltimore; and if any such person or persons shall so obstruct access to such manholes or distribution boxes, he, she or they shall be subject to a fine of not less than five or more than twenty dollars for each and every offense.* It shall and may be lawful for any person employed in building or repairing any house to enclose one-third part thereof, provided the said enclosure does not project more than four and a half feet on the footway, or remain more than sixty days after the house is covered without the permission of the City Commissioner; and any person offending against these provisions shall be subject to a penalty of five dollars for each and every day the said enclosure shall remain.'"

ELECTROLYSIS.

One of the most serious problems confronting this office in the execution of its work is to determine the proper means of protecting the lead-covered cables from the effects of the return currents of the electric railways.

The electric railways in this city use the rails for the return conductor. The rails are laid in sections about thirty-two feet long, the ends of the sections being bonded together with copper bond wires to form a continuous conductor. These bond wires are, in many cases, not large enough to carry the return current; in many cases very much corroded, and consequently reduced in cross section, and in some cases broken. As a result, the rails offer a high resistance to the return current, and the current leaves the rails and seeks the easiest path available to the source of generation—the power-stations of the various companies.

The water-pipes, gas-pipes, the lead-covered cables in the conduits, etc., serve, under these conditions, as return conductors for the current thus turned loose.

From numerous tests made all over the city with a voltmeter it is found that at points remote from the power-stations, or without certain zones, the cable is electro-negative to the earth and the rails; or, in other words, the current is leaving the rails and flowing through the earth to the cables. At certain other points, within several squares of the power-stations, the cable is electro-positive to the earth and the rails; or, in other words, the current is leaving the cable and flowing to the earth. It is also found that at points some distance from the power-stations the gas-pipes, water-pipes, etc., are electro-negative to the earth and the rails, and near the power-stations are, in many cases, electro-positive to the earth and the rails.

This condition is explained as follows: The rails and earth offering a higher resistance to the flow of the return current than the cables, water-pipes, etc., the current seeks these conductors at points remote from the power-stations to find the path of least resistance. The current leaves the cables, water-pipes, etc., at points near the power-stations to return to the source of generation. The difference in potential between the cables, gas-pipes, water-pipes, etc., is probably due to the fact that the current divides between these various conductors in proportion as they offer more or less resistance.

In order to determine the difference of potential existing between the cables and the gas and water-pipes, the rails, the earth, etc., tests have been made at all points in the underground system. These tests are recorded on sheets, as shown below, and filed in this office.

TABLE No. 4.

Manhole No...... *Location*..... *Date*.....

MANHOLE COVER.		RAILROAD TRACKS.		MANHOLE BOTTOM.		MANHOLE HANGER.		BOND WIRE.		WATER PLUG.		DUCTS.	
P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.	P.& F. A. T.	C.& P.

Remarks:

These records are plotted on a map, and the condition of the cable in any section of the city may be immediately determined.

The areas around the power-stations (greater or less in different cases) within which the cables, water-pipes, gas-pipes, etc., are electro-positive to the earth, and the rails may be termed danger zones, for damage is caused only when the current leaves the cables, pipes, etc., and flows to the earth.

It is a well-known fact that if two copper bars be immersed in a solution of copper sulphate and an electric current is caused to flow through the solution, copper is dissolved away from the copper bar forming the positive pole of the cell or anode, and is deposited on the kathode, the copper bar forming the negative pole of the cell. The chemical explanation is thus expressed:

$$Cu\ S\ O_4 = Cu - S\ O_4$$

Sulphate of copper becomes copper and sulphion.

The action on the lead cable covering is parallel and similar with the above.

At points where the current leaves the cable and seeks the earth the cable takes the place of the positive copper bar above referred to, or becomes the anode of a huge electrolytic cell.

The lead of the cable covering, depending upon the chemical action on lead effected by the different constituents of the soil and surface water at various points, augmented and accelerated by the presence of the return currents of the electric railways, is deposited upon the ducts, etc., the cathode of the electrolytic cell. Since the metal of the positive bar or anode of the electrolytic cell is, as it were, transferred to the negative bar or cathode, it has been the object to make the cable in all cases electro-negative to the earth, and thereby make the cable the cathode or negative terminal of the electrolytic cell. To this end copper wires, varying in size from o to oooo, have been placed in the ducts within the danger zones, and connected with the negative buzz-bar of the switchboard in the power-stations, and the cable bonded to these return wires. Sufficient copper has been placed in all cases to afford an easier path to the current through the return wires than is offered by the earth, and thereby cause the direction of the flow of the current to be from the earth to the cables.

It has also been found that a difference of potential existed between different cables in the same manhole, and to obviate this and remove the possibility of electrolytic action being set up by this difference of potential, the cables have all been bonded together. The result of this method has been satisfactory.

In some places, after placing the return wires and connecting them up with the power-stations, the difference of potential between the cables and the earth was changed from four to five volts, with the cables electro-positive, to two volts, with the cables electro-negative to the earth. In nearly all cases the condition of the cable has been changed wherever electro-positive to the earth.

After all the connections were made, and the cables bonded to the return wires, tests were made to determine the quantity of current finding a return to the source of generation through the cables. To this end the number of amperes flowing in the return conductor at a switch placed in circuit at the power-stations have been measured, and it

has been found that, in some cases, one-fifth of the total output of the plant is returned in this manner. Such results need no comment, and the above shows that the effect of the return current on the cables, water-pipes, etc., is no hypothetical theory, but a true one.

On the following page is given a table showing the difference of potential between the cables, the earth, the rails, etc., at a number of different points:

TABLE No. 5.

TABLE SHOWING THE DIFFERENCE OF POTENTIAL BETWEEN THE CABLE AND THE EARTH, TRACKS, ETC.

LOCATION.	POLICE AND FIRE-ALARM TELEGRAPH CABLES.						
	Manhole Cover.	Railway Tracks.	Manhole Bottom.	Manhole Hanger.	Bond Wire.	Ducts.	Water Plug.
	Difference of Potential in Volts.	Difference of Potential in Volts.	Difference of Potential in Volts.	Difference of Potential in Volts.	Difference of Potential in Volts.	Difference of Potential in Volts.	Difference of Potential in Volts.
Pratt street and Smith's Wharf	.3--	3.5--	0	0	.19--	0	.....
Pratt street and O'Donnell's Wharf	.3-|-	4.7-|-	.01—	.08—	.....	0	.....
Pratt street and Centre Market	.4-|-	6.5-|-	0	0	.4-|-	0	.....
Pratt and Mill streets	.02--	4.2-|-	.13—	.02—	.2-|-	.08-|-	.....
Pratt street and West Falls avenue	.3--	3.4--	.....	.....	.....	.....	.....
Pratt street and East Falls avenue	.4-|-	3.3-|-	.02—	0	.58—	.....	.....
Lexington and North sts.	2—	15—	1—	.....	.....	.2—	7—
Lexington st., opposite No. 4 Engine House	1.3—	13—	1.1—	.1—	.....	.2—	.....
Lexington and Davis sts.	2—	11—	.9—	.5—	.....	.6—	.....
Lexington and Courtland streets	1.5—	6—	.9—	.1—	.....	.2—	.....
Lexington and St. Paul streets	1.5—	4.5—	.9—	.7—	.....	.05—	.....
North street, opposite Central Station	1.1—	6.5—	.7—	.04—	.....	.23—	.....

NOTE: -|- indicates that the cable is positive to the cover, track, etc.
— indicates that the cable is negative to the cover, track, etc.

In this connection I desire to invite the attention of the Board to the courtesy of Mr. Samuel M. Bryan, President of the Chesapeake and Potomac Telephone Company, who allowed the city to bond its cables to the return wires already laid in the Chesapeake and Potomac conduits for the protection of their plant, thereby saving the city considerable expense. I desire also to express my appreciation of the kindness of Mr. Joseph E. Crandall, Electrician of the Chesapeake and Potomac Telephone Company, who in many ways assisted this office in averting immediate danger to our plant, and offered many valuable suggestions for its preservation.

The bonding of the cables and placing the return wires has to date cost the city about $1,150, and much more has to be done to insure the permanent safety of the plant.

COMPARATIVE COST OF THE WORK IN BALTIMORE AND OTHER CITIES.

Following will be found a table giving the comparative cost of conduit construction in Baltimore and Chicago and Philadelphia:

TABLE No. 6.

TABLE SHOWING THE COST OF CONDUIT IN BALTIMORE, CHICAGO AND PHILADELPHIA.

NUMBER OF DUCT.	BALTIMORE.				CHICAGO.				PHILADELPHIA.	
	Terra-Cotta with Connections.		Cement-Lined Tube with Connections.		Terra-Cotta without Connections.		Cement-Lined Tube without Connections.		Creosoted Wood without Connections.	
	Cost per Foot of Duct.	Cost per Mile of Duct.	Cost per Foot of Duct.	Cost per Mile of Duct.	Cost per Foot of Duct.	Cost per Mile of Duct.	Cost per Foot of Duct.	Cost per Mile of Duct.	Cost per Foot of Duct.	Cost per Mile of Duct.
12	.....	.....	.....	.....	.....	.....	.....	.....	$16 62/100	$877 54
9	.....	.....	.....	.....	$ 21	$1,003 20	$ 25	$1,320 00	18 61/100	982 61
6	$ 22 1/8	$1,182 34	$ 39 1/3	$2,071 86	22	1,161 55	25 7/10	1,352 00	.....	.....
4	26	1,375 74	52	2,753 30	24	1,267 20	36 1/2	1,927 20	21 71/100	.....
2	32	1,729 31	66	3,494 90	.....	.....	.....	.....	.....	.....
1	57 4/5	3,050 99	1 15 1/8	6,087 38	.....	.....	.....	.....	.....	.....

In comparing the relative cost of conduit in Baltimore and other cities, the following should be considered: First, the conduits in Baltimore have been built under more rigid specifications than those in other cities; second, the manholes and distribution boxes are proportionally deeper and larger than those in other cities; third, the materials used have been the very best; fourth, the estimate of cost of conduit construction in Baltimore includes every item of construction, including manholes, distribution boxes, subsidiary connections, fire-alarm and police patrol signal-posts, connections to engine houses, police stations, etc., much of which is not included in the estimates for similar work in other cities. Considering these facts, the cost compares most favorably with the cost of construction in other cities.

EXPENDITURES.

As before mentioned, the total amount appropriated to date under the ordinances of March 19, 1894, and April 16, 1895, is two hundred thousand dollars ($200,000), leaving twenty-five thousand dollars ($25,000) of the two hundred and twenty-five thousand dollars ($225,000) set apart for conduit construction yet unappropriated.

The expenditures and amounts due by the Commission to January 10, 1896, are shown by the following statement:

TABLE No. 7.

EXPENDITURES FROM BEGINNING OF THE WORK TO DATE (JANUARY 10, 1896).

Books, stationery and printing	$ 604 41	
Office furniture and fixtures	511 49	
Drawing materials	314 02	
Office rent	1,146 67	
Salaries	13,673 03	
Advertising	249 59	
Manholes	12,304 85	
Distribution boxes	14,572 69	
Subsidiary ducts	6,454 12	
Posts	1,668 26	
Tile	81,434 12	
Extra work, not in contracts	4,525 46	
Cable	16,823 58	
Electrical connections	1,821 28	
Central station equipment	910 08	
Overhead connections	3,821 25	
Maintenance of plant	179 08	
Total expenditures		$161,013 98

Amount brought forward		$161,013 98

AMOUNTS DUE AND UNPAID.

Balance due for cable, etc., to the Western Electric Company	$27,573 69	
10 per cent. reserve due to the White-Crosby Company	7,795 18	
10 per cent. reserve due to National Conduit Manufacturing Company	5,448 87	
Amount due for extra work to National Conduit Company (approximate)	165 50	
Sundry bills now on hand and to be rendered (approximate)	454 60	
Total of amounts due		41,437 84
		$202,451 82
Deduct amount due from banks for cost of connection with police (approximate)		1,650 00
		$200,801 82

APPROPRIATIONS.

Amount appropriated by the Ordinance of March 1, 1894	$100,000 00	
Amount appropriated by the Ordinance of April 16, 1895	100,000 00	
Total of appropriations		200,000 00
Balance unprovided for to date		$801 82

In submitting the statement of the expenditures of the Commission, I beg to call the attention of the honorable members of the Commission to the economical manner in which the work has been conducted on the part of this office. The total value of the work done, as shown by the statement of expenditures and the amounts due and unpaid, is $200,801.82. Of the expenditures the following amounts were expended for—

Books, stationery and printing	$ 604 41
Office furniture and fixtures	511 49
Drawing materials	314 02
Advertising	249 59
Office rent	1,146 67
Salaries	13,673 03
Total	$16,499 21

It is therefore seen that the cost of office expenses, superintendence, etc., was but eight per cent. of the total cost

of the work. The item of salaries should not be entirely charged to superintendence, as no small amount of work has had to be done in the maintenance of the plant until completed and turned over to the Police and Fire-Alarm Telegraph Department, in transferring the police patrol and fire-alarm boxes from the overhead to the underground system, adjusting, etc., all of which is included in this item.

The item of office furniture and fixtures includes the cost of surveying instruments, rent of telephone, etc.

The honorable members of the Commission are invited also to consider that there are several parts to the work—namely, conduit construction, cable drawing, testing of cables, etc., involving special knowledge on the part of the employees for different parts of the work; and further, in a work of this nature the territory covered is necessarily large, and therefore the duties of one man must be limited. To the conscientious performance of duty by the employees of this office, I desire to attribute the result attained. I further desire to recommend to the attention of the Board Mr. L. Warrington Cottman, in charge of the electrical connections, cable drawing, etc., who by his conscientious attention to duty has materially assisted in achieving the low cost of superintendence above mentioned; also I desire to recommend particularly Mr Michael V. O'Dea, Superintendent of Construction of Conduits, and Mr. J. N. Smith, Inspector of Cables.

Following is given an estimate of the cost of completing conduits and laying cable within the district outlined on Drawing No. 1. As already explained, the conduits are completed entirely, except a few squares. The cable has to be supplied for Sections 2 and 3.

Amount due on contracts in excess of appropriations	$ 801 82
Cost of cable and electrical connections in Sections 1 and 2	20,000 00
Cost of connecting manholes with sewers	2,500 00
Cost of laying extra duct for the Chesapeake and Potomac Telephone Company, where more space was used in its conduits than the company was required to furnish by ordinance	3,500 00
Salaries and office expenses for six months	8,000 00
Amount for unfinished work called for by the contract with the National Conduit Company	10,000 00
	$44,801 82
Add three per cent. for extras	1,344 05
	$46,145 87
Unexpended balance of $225,000, set apart for conduit construction	25,000 00
Amount to be appropriated from the tax levy	$21,145 87

This amount ($35,845.87) will entirely complete the underground system within the limits shown on Drawing No. 1.

In Sections 2 and 3 the conduits have been laid, and it would hardly be practicable to defer placing the cable therein and leave these conduits lying idle, and I would therefore advocate the expenditure of this amount, which is the lowest cost of the work.

GENERAL SUBWAY SYSTEM.

Ordinance No. 107, approved June 12, 1895, creates the Electrical Commission of Baltimore City, the duties of the Electrical Commission, as stated in the ordinance, being "to consider and determine upon a plan for the construction of a system of conduits or subways of sufficient capacity, and to be made of such material, as will properly provide for the accommodation and use thereof of all of the now overhead wires used in the City of Baltimore for telegraph, telephone, electric light and other (except trolley) purposes; and when such plan is decided upon, then to have such necessary drawings and specifications made thereof as will enable the Commission to arrive at an estimate of the cost of said conduits and subways, and also at an estimate of the rentals that could be derived therefrom from telegraph, telephone, electric light and other such corporations, which under the provisions of Act of Assembly, Chapter 200, approved March 30, 1892, the Mayor and City Council have the power to compel to use such conduits and subways, and also to consider what would be a proper and reasonable charge for the use of said conduits and subways, and a proper system for the collection of said rentals."

After my appointment as Engineer of the Electrical Commission, the first step to be taken was to learn from the various companies operating the now overhead lines in Baltimore the number of such lines, their routs, points of distribution, etc. Accordingly letters were addressed to the Brush Electric Light and Power Company, Western Union Telegraph Company, Postal Telegraph Company, Maryland Electric Light Company, United States Electric Light Company, and the American District Telegraph Company, requesting these various companies to furnish the data required. In response to these communications, the information desired was furnished only by the United States Electric Light Company and the Postal Telegraph Company;

the other companies have for various reasons been delinquent. As there was no fine imposed in the ordinance upon the companies failing to furnish the Commission with such information, we were compelled to obtain the necessary data by actual survey of the wires now existing in the streets. This was accordingly done, and although it was difficult to determine, owing to the unsystematic manner of stringing the overhead wires in Baltimore, to what companies the respective wires belonged, their direction, routes, etc., sufficient data was gathered to enable this office to determine upon the number of ducts necessary for a general conduit system. In order to obtain more specific information in regard to the routes of the overhead lines before making a final report and submitting plans as called for next June, I herewith inscribe a copy of a proposed ordinance having for its purport the imposing of fines on those companies which do not furnish the information required of them by a specified date. I should strongly urge that this ordinance be taken up immediately, so that this information can be obtainable at as early a date as possible:

An ordinance providing for furnishing the Electrical Commission, by the different companies owning and maintaining overhead wires in the City of Baltimore, with information in regard to the number and character of the electrical circuits in use by such companies.

"Be it enacted and ordained by the Mayor and City Council of Baltimore, That within fourteen days after a written demand, signed by the Mayor, served upon them, their president or manager, each and every telegraph, telephone electric light and other companies, having and maintaining overhead wires of any description whatsoever within the City of Baltimore, shall as often as required furnish to the Electrical Commission a detailed statement or drawings and plans, or both, clearly showing the location and routes of all their overhead electrical circuits; the number of such circuits in use by such company; the size of wire used on such circuit; the character of the service for which such circuit is intended; the points of distribution, and the number and location of the lamps, dwellings, stores or other points served by such circuit, and such other information in regard thereto as the Mayor may consider requisite for the said Electrical Commission to have to enable it to carry out the purposes of its creation.

"And each of said companies which shall fail to furnish fully and accurately the above information within the time above prescribed shall forfeit and pay a fine of twenty-five dollars ($25) a day for each and every day they shall so remain in default; said fines to be collected as other fines for the violation of city ordinances are collected."

The plan for a general system of subways has been mapped out, the approximate number of ducts determined upon, and the drawings of manholes and distribution boxes for this system have progressed materially.

The work has so far progressed that I am enabled to submit herewith an estimate of the cost of the work within the limits in which it is most urgent that the wires should be placed under ground, so that the city authorities may, at their pleasure, present to the Legislature, now convened at Annapolis, a report requesting an enabling act authorizing the city to issue bonds or stock for the amount of the cost of construction, should it be deemed advisable, when the final report of the Commission is submitted to the Mayor and City Council, for the city to build and operate a general subway system. Unless this act be passed by the present Legislature, it will be two years before the city could take steps necessary for the construction of such a general subway system. I would strongly urge, therefore, that the Legislature be petitioned to pass this act during the present session. Its passage would not in any way compel the City Council to pass an ordinance issuing stock for the construction of a general subway system, were it deemed inadvisable, but would enable the City Council without unnecessary delay to pass the required ordinance.

The general plan of the work, etc., I will not now submit to the honorable members of the Commission, as my report is not due until next June, and it seems advisable to defer submitting the report until the plans, specifications and general condition of the work have been further and more thoroughly studied.

I would respectfully invite, however, the attention of the honorable members of the Commission to the several methods by which all wires could be placed under ground.

As shown in my report for the year 1894, there are four methods:

1. The city could build a general electrical subway system, and require that all companies owning overhead wires place their wires therein, charging a rental per foot per duct, which may be determined later.

2. By giving a franchise to one corporation to build conduits, which shall conform to the lines and be of the capacity prescribed by the city, requiring that such corporation shall buy all conduits previously laid by the city, and provide room for the city lines in its subways.

3. By requiring all companies which now operate overhead lines to place their wires under ground in their own conduits.

4. By requiring all companies now operating overhead lines, if they build conduits, to complete a part of a general system, building conduits on the lines and of the capacity prescribed by the city, and by requiring such companies to use the city conduits where built. The city then could require other companies to place their lines under ground in the sections where the conduits were completed, fixing an uniform rental as explained in my last report.

A general subway system owned by the city is to be strongly advocated for the following reasons:

1. The condition of the sub-surface work in the City of Baltimore makes it absolutely imperative that the city should allow no more space to be occupied under the surface of the street than is possible.

2. The city has recently spent large sums of money for improved pavements, and should each corporation operating overhead lines be allowed to build its own system, the streets would be left in such a condition as to require the probable renewal of all the improved pavements. There are now six companies operating overhead lines in the city, and the Home Telephone Company has recently applied for a permit to erect poles and string wires; the Chesapeake and Potomac Telephone Company has already laid conduits. There will, therefore, be at least eight distinct conduit systems should the companies be compelled to build them. With the water-pipes, gas-pipes, etc., now under ground, there will practically be no room left under these conditions for future underground work in this city.

3. Some of the electric companies operating in the city are not financially in a condition to build their own subways. At the reasonable rental which the city would be enabled to

charge for ducts in its own conduit system, the cost of the operation of these companies would not be increased.

4. There is at present no sewerage system in Baltimore, and it is a necessity acknowledged by every one; that such a sewerage system will be built in the near future is unquestioned; and it would, therefore, be to the advantage of the city to leave as much room as possible in the street for the construction of this system.

5. The cost of construction of conduits does not increase in proportion with the number of ducts laid; and, therefore, the cost of the construction of a general subway system would be much less than the cost of individual systems.

6. The city by owning the underground system could, by framing the proper rules and regulations for the use of the conduits, and with the control of the conduits in the hands of a competent officer, see that all the electric lines in the city were properly maintained with great facility and small cost of superintendence.

7. The tax levy would not have to be increased in order to meet the interest on the stock issued for the construction of a general subway system, as it has been proven in other cities that such a system would be self-supporting, and with a low charge for rentals would more than pay the interest on the stock, the cost of maintenance, salaries, etc.

With regard to the second method of giving a franchise to one corporation to build conduits, which will conform to the lines and be of the capacity prescribed by the city:

1. It is not reasonable that the city should give a lucrative franchise to a corporation when it could, by operating its own plant, make the money which would be assured to the franchised corporation.

2. The rates charged by this franchised corporation would necessarily be higher for the rental of the ducts, as the cost of maintenance, etc., would be the same, and the stockholders would require a better return for their investment.

3. It would not be as satisfactory to the corporations operating overhead lines to rent from private individuals as from the city.

4. The city must necessarily in the future maintain a general superintendence of conduit construction in the city and of the conduit plant, and would, if it did not own such plant, necessarily pay for such superintendence out of the annual tax levy, the cost being practically the same as the superin-

tendence required for the maintenance of a subway plant owned by the city, which would be self-supporting and offer far greater facilities for economical inspection and supervision.

The third method should not be considered for obvious reasons, already mentioned.

The fourth method probably would, as explained in my last report, have the effect of stimulating conduit building by the various electric light, telegraph and telephone companies in the city, but would lead to troublesome complications between the various companies, and make it difficult for the city to exercise the proper control over the conduit system, and further make the maintenance of the plants of the respective companies complicated, as each would naturally require to exercise jurisdiction over the conduits built and owned by them.

Conduit construction has been opposed in almost every city where conduits have been laid by the companies operating overhead lines; but, after experience has been had with the operation of underground lines, the companies themselves, in many instances, become the strongest advocates of the underground system. From a report of the Electrical Commission of Washington (consisting of Messrs. Andrew Rosewater, Henry A. Rowland and Lieut. Francis R. Shunk, U.S.A.) to the President of the United States, the following is quoted:

"In view of the strong protest made in 1889 by the Western Union Telegraph Company and the United States Electric Lighting Company against the enforcement of underground wiring, and the developments in electrical science since that period, the Board addressed letters to the managers of these corporations for information as to the status of their electrical plant in the District, and their present views as to the feasibility of underground wiring. This correspondence is appended to our report. Its perusal will be found of interest. The United States Electric Lighting Company, from being a strenuous opponent, has become a strong advocate of underground wiring. The Postal Telegraph Company, whilst evidently disliking to incur the expenditure, confesses through its managers that the service is as good and the interruptions in consequence of storms and other accidents are decidedly less than overhead. This company, it will be observed upon perusal of

the testimony of its manager, Mr. W. H. Allen, has had one and one-third miles of its main circuit under ground in Washington for over six years, and therefore speaks from actual experience. The Western Union Telegraph Company stands alone in its persistent opposition to underground wires in the District. Its managers still use the old arguments that electric induction consequent upon underground work will tend materially to decrease the speed of transmission where the multiplex system of telegraphy is used, as is the case with them, and thus either increase the tariff on messages or force them to discontinue many of their branch offices in Washington, and possibly establish their main lines and offices just outside of the city. In other words, the telegraph company may run its main lines around the cities. The management further argues that if overhead wires are a nuisance in Washington, why not in Alexandria and every other small town? thus leading to the inference that underground service must either be general or not at all.

"Wishing to consider all of the conditions relating to subway service with fairness, the Board proceeded at once to make investigations into all the features of public electrical service, both at home and abroad, and with this in view made personal investigations in leading cities of the country where extensive experiments had been tried and tested for a sufficient number of years to justify reasonable conclusions. We find, as will be seen by appended correspondence with the authorities of New York, Chicago, Brooklyn, Philadelphia and London, that telegraph wires operating duplex, quadruplex and other devices of signaling are and have been for many years operated successfully with wires of the main circuits in their passage through the cities laid under ground.

"The letter of Mr. W. H. Preece, the Electrician of the Postal Department of Great Britain, who has often been quoted from his general reference to induction and retardation as an authority by the telegraph companies, clearly refutes all of the Western Union Telegraph Company's objections from an electrical standpoint. Mr. Preece says: 'One to five miles of main circuit placed under ground in entering or passing through a city would have no *practical effect whatever* in operating a single or quadruplex circuit; nearly all our circuits entering London have from *five to ten* miles under ground.'

"The importance of acquiring a safer and more perma-

nent system than that secured by overhead wiring in cities becomes evident, when we refer to the havoc of recent storms, especially that of last spring, when we are informed that nearly every line of poles and a large portion of the wires in the District were broken and literally shattered to pieces, cutting off nearly all telegraphic and telephonic communication within and without. In addition to this, nearly, if not every, wire of the fire-alarm and police-signal system was broken, and the electric lights of the city were cut out. Aside from the general commercial loss and inconvenience, a large amount of indirect damage was occasioned by the broken poles and falling wires. This was not simply confined to the District of Columbia, but extended to other cities all along the coast, notably New York. Had the wires been under ground, no such havoc could have been created.

"Leaving out of question all the other wires, it seems as if the telegraph lines, which are national carriers of messages, should be made as reliable in their service as the railways are in their's; and in view of the public franchise which they enjoy, the services of these companies should be made as good as reasonable requirements can make them."

This same commission strongly advised that a general subway system be built in the City of Washington, which should be owned and operated by the city. This is also considered the best solution of the underground problem by Mr. David R. Walker, Chief of the Electrical Bureau in Philadelphia, and in other cities the authorities best posted all concur in advocating the ownership of the electrical subways by the city. Some of the companies most strong in their opposition to the laying of wires under ground a few years ago, as shown by the report above quoted, are now, in the same cities, the advocates of the same system. The Western Union Telegraph Company and the Postal Telegraph Company, both operating in this city, have their wires under ground in several of the large cities of this country.

These companies still live in the cities where their wires are under ground, and their revenue has not been diminished by such underground construction.

The telephone companies, of their own volition, have placed their wires under ground in nearly all of the large cities. Their reasons are obvious, among the first being that the reduction in the cost of maintenance of the underground plant as compared with the overhead system more than pays for the increased fixed charges.

To show that the requirement of placing the wires under ground in the City of Baltimore will not lead to what might seem an unfair increase of burden upon the telegraph and other electrical companies, I have taken occasion to ascertain what these various corporations contribute towards the maintenance of the public thoroughfares and other improvements of the city. I have therefore applied to the City Comptroller for this information. His statement embraces the amounts paid by the corporations using overhead lines for licenses to erect their poles, etc., and it will be noted that the aggregate is ridiculously low.

American District Telegraph Company and Western Union Telegraph Company	$2,296 00
Postal Telegraph Company	1,008 00
Maryland Electric Light Company	1,128 00
Brush Electric Light and Power Company	3,094 00
United States Electric Light Company	538 00
Total	$8,064 00

The street railway companies pay annually into the city treasury more than $200,000 (the amount paid by them during the year 1895 being $234,167.49), and are the means of affording the people places of amusement and recreation by supporting our numerous beautiful parks and squares. In addition, in correspondence with a public demand, the railway companies have introduced rapid transit at an enormous expense.

The small tax exacted of the electric companies on poles would also be materially diminished by the construction of conduits.

These facts need no comment, and it will be clearly seen that the responsibility of maintaining the overhead lines of the city, in contradiction of the best interest of the city, must be borne by the city.

The popular voice calls for the construction of the underground system at an early date. As the city grows the number of wires must increase, and therefore any delay simply means the extenuation of an evil which now exists, which will increase and can only be remedied by placing the wires under ground. The reasons for placing the wires under ground without considering public sentiment in regard to the matter are:

1. The overhead wires seriously interfere with the operation of the Fire Department, and in some instances, by such interference, entail serious loss to the taxpayers of the city. Several recent fires have shown this to be a fact.

2. High potential circuits strung on overhead poles, and in many cases on the same poles with the telegraph and telephone lines, are a constant menace and source of danger to the pedestrian, and have in numerous cases caused loss of life. By reference to the dockets in the courts of Baltimore, it will be seen that no less than a dozen suits have been entered against the various companies owning overhead lines for damage to and death of persons using the public highways during the past year.

3. Overhead wires are unsightly and seriously mar the beauty of the streets.

4. The electrical companies of the city are not now heavily taxed for the use of the streets, and the placing of the wires under ground by the city would not materially increase the cost of operation.

5. All the large cities of this country are requiring the wires to be buried, and in many cities the wires in the business portion of the city have all been put under ground.

To show the development of the underground system in this country, I beg to call the attention of the honorable members of the Commission that the first conduits were laid in 1882. In New York City to-day there are over 200 miles of conduits, while the total length of ducts at present in use in America is estimated at nearly 6,000 miles.

PRELIMINARY ESTIMATE OF COST OF A GENERAL SUBWAY SYSTEM FOR BALTIMORE.

The preliminary estimate of the cost of construction of a general conduit system by the City of Baltimore is given below. While the details of the estimate are subject to revision as the plans become further matured, it is sufficiently accurate to enable the city authorities to petition the legislature for an act authorizing the city to issue the amount of stock necessary for the construction of such a system.

Cost of conduit construction, trunk lines	$444,620 47	
Manholes, trunk lines	71,347 32	
Cost of conduit construction, laterals and branches	557,595 08	
Manholes, distribution boxes, service boxes, etc., laterals and branches	73,040 00	
		$1,146,602 87
Add three per cent. for extras, removing obstructions, etc.		34,398 09
Add for superintendence, office expenses, etc.		80,000 00
Total		$1,261,000 96

This amount will complete a general subway system with a capacity sufficient to accommodate all of the now overhead wires, and with ample allowance made for the future increase of electric distribution in Baltimore. Thus, the streets having been once torn up for the placing of this system, will remain intact for years. This estimate also includes the cost of the laterals and branches, distributing system for house services, etc.

Respectfully submitted,

NICHOLAS S. HILL, Jr.

APPENDIX.

The following extracts are taken from the reports of the various heads of departments in other cities to show what is being done elsewhere towards placing the overhead wires underground:

FROM THE REPORT OF MAYOR EDWIN S. STUART, OF PHILADELPHIA.

"During the year 1893 the Electrical Bureau laid about 300 miles of telephone, telegraph and electric light wire conductors under ground.

"I have always recommended the removal, as rapidly as it can be done, of all poles and overhead wires. The city herself now has 628 miles of underground service in most successful operation, and during the present year has removed all the poles and overhead wires on Broad street, from Germantown avenue on the north to McKean street on the south, and placed all the wires in the city's underground conduits; and, further, has completed the laying of an underground conduit on Market street, from the Delaware river to Forty-third street, and placed therein all of the city's wires. There have been rented in our Market street underground conduits, ducts to the Western Union Telegraph Company, in which it will, in the near future, place its wires, which are at present overhead, and the Brush Electric Light Company having also laid its own underground conduit in Market street, will shortly place its present overhead wires therein. As soon as these two companies do so, there will be entirely removed from Market street all the poles and overhead wires. To those who remember the vast network of unsightly wires that have so long disfigured this great highway, the splendid improvements will be at once apparent. If this work but be continued as rapidly as possible, it would and should not be long before, in the closely built up portions of the city at least, all such poles would disappear and all wires be placed underground.

"In the Electrical Bureau during the last four years there has been laid 99,242 feet (18.8 miles) of underground electrical conduit, which is more than twice as much as was laid in all the years prior to 1891. Underground electric service has been constructed, and in many cases the poles and overhead wires removed, as follows: Market street, from the Delaware River to Forty-fourth street; North and South Broad street, Girard avenue, Diamond street, Mount Vernon street, Spring Garden street, Arch street, Christian street, Federal street, Locust street; Green street, west of Broad street, and other streets. In 1893 sixty-four miles of overhead city wires were removed, and in 1894 ninety-seven miles were removed.

"The city conduits in the future will be a source of revenue from the rented ducts, and the amounts expended in the removal of poles and wires, and the building of underground conduits, have been not only a good investment, but a popular and almost universal demand for the prosecution of this work, that has received the attention that was due."

The following extracts have been taken from the report of the Electrical Bureau of Philadelphia, Mr. David R. Walker, Chief:

"On page following is given a table showing in a brief and concise form the increase in the various services under the care of the Bureau since 1890:

	1890.	1891.	1892.	1893.	1894.
Appropriation	$137,803 15	$144,358 45	$164,461 11	$201,918 89	$894,468 23
Police instruments	40	40	43	44	44
Fire boxes	586	626	684	740	786
Fire gongs	62	64	67	67	73
Patrol boxes	282	311	356	381	437
Patrol districts	19	22	25	27	28
Telephones	492	524	570	620	693
Telegraph cable—miles	13.3	16	25.3	33.2	37.9
Electric light cable—miles	11.73	15.02	21.8	28.8	40.9
Iron-post, electric light			295	709	1,317
Mast arms			259	376	690
Miles overhead wire	758	837.75	980.25	1,015	1,073.34
Miles underground telegraph wire	59.34	120.95	369.04	599.1	768.7
Feet of conduit	47,057	59,030	80,308	104,061	145,299
Feet of duct	215,917	278,480	388,277	619,123	897,413
Wood poles	5,309	5,530	5,955	6,112	6,219
Miles electric light and power cable (private company) under ground	119.19	129.61	143.35	230.71	678.39
Miles telegraph and telephone cable (private company) under ground	1,161.29	1,208.81	1,235.27	8,546.08	12,209.73
Miles overhead wire (private company)	4,799.51	4,208.73	3,763.12	3,807.83	4,389.51
Feet of underground conduit (private)	572,806	586,434	701,360	991,315	1,802,648
Feet of duct (private company)	3,904,412	4,207,670	4,572,910	8,286,684	13,401,065
Money paid city treasury	$14,788 40	$19,734 40	$33,560 99	$74,235 72	$38,448 93
Electric lights	1,343	1,781	2,733	3,618	5,392

"The various street railway companies have been exceedingly active during the year in perfecting the equipment of their roads with the trolley system. The Bureau has located 16,638 poles for the several companies, located guard wires and exercised a general supervision over their construction. Particular attention has been paid to the bonding of the rails, with a view of preventing electrolytic action on the underground cables, and the gas and water-pipes. Devices have been approved for two of the traction companies, that from their form and construction I feel assured will secure as near a perfect bonding of the rails as can be obtained. A close supervision of the work, as it progresses by our inspectors, together with harmonious action on the part of the companies, has secured to the city as complete a system of overhead trolley construction as can possibly be produced. While this may prove a source of gratification, I am still of the opinion that the successful workings of the underground trolley is assured, and as rapidly as circumstances will admit, all the wires should be depressed.

"The recognizedly dangerous features of the overhead trolley and electric light systems were perhaps never more forcibly illustrated than during the storm of December 27, 1894. The snow, winds, sleet, etc., incidental to such a severe winter storm, in this instance were aggravated to a high degree, causing wires, poles, etc., that would perhaps have withstood many storms of less magnitude to be broken and twisted, and fall to the surface of the highways, meeting in their descent a new danger (the trolley wires) never before experienced during a severe storm in this city. The resultant effect, in many instances where contact with these wires was sustained, were particularly damaging. Telegraph and telephone instruments were so badly burned as to be utterly unfit for use again. The dangling wires, heavily charged, to a degree that caused death to a number of horses, made it exceedingly dangerous to the men repairing the wires of the city and private corporations; but, fortunately, no human lives were sacrificed. The 'guards' placed above the trolley wire to protect it from contact with other wires falling upon it became in themselves a danger. In many instances they broke and coiled around the trolley wires, and dangling in the street, twisted and moved about so as to make it almost impossible for horses and pedestrians to avoid them. It is to be inferred that the protecting devices placed in the power-houses of the railway

companies were active on this occasion, but from the length of time the current remained on the cross wires, it is presumed they were held in position with a view of keeping their cars in motion. This action on the part of the companies left the wires charged until they were burned off or removed. In all cases where hanging wires were found to be charged, the police officers stood guard over them, and cautioned drivers of teams and pedestrians of their danger. In many instances street traffic was diverted from its usual course from this cause, and sought new directions, causing considerable annoyance to business interests, making it necessary, owing to the snowbound condition of the streets, to drive several squares out of the way to reach their destination.

"Under the terms of the ordinance of April 10, 1893, regulating and providing for the leasing of ducts in conduits owned by the city, contracts have been executed by the Bell Telephone Company, the Western Union Telegraph Company, and the Pennsylvania Railroad Company, for the leasing of ducts as follows:

"The Bell Telephone Company, one duct on Cuthbert street, from Juniper street to the west side of Broad street, and on Broad street, from Cuthbert street to the Pennsylvania Railroad bridge above Cambria street, a distance of three miles, forty-six hundred and seventy-seven feet, at an annual rent of nine hundred and fifty (950) dollars. The duct is occupied, and the one cable containing two hundred wires laid by them in use, outlets for which have been made at Broad and Fairmount avenue; Ontario street, above Columbia avenue; Carlisle street, below Indiana avenue.

"The Western Union Telegraph Company have leased four ducts from the city on Market street, from Water to Juniper, to Filbert, to Merrick, to Market, to Schuylkill River; also four on Tenth street, from the south side of Chestnut to the north side of Market street—two miles, fourteen hundred and seventy-six feet in each duct—at an annual rental for each duct of seven hundred and fifty (750) dollars, or a total rental for the four ducts of three thousand (3,000) dollars per annum. The Western Union Company have also leased a duct from the Girard Estate on Front street, between Market and Walnut streets.

"The Pennsylvania Railroad Company have leased a duct from the city on Walnut street, between Delaware avenue and Front street; on Market street, from Delaware avenue to

Juniper, to Filbert, to Fifteenth; on Fifth avenue, between Market and Minor. The city has also leased a duct from the Girard Estate on Front street, between Walnut and Market streets, and leased the same to the Pennsylvania Railroad, a total distance of one mile, forty-two hundred and forty-two feet, at an annual rental of five hundred and fifty (550) dollars. The department leases to them (the Pennsylvania Railroad) ten pairs of wires on Thirteenth street, from Market to Chestnut, on Chestnut to Broad (1,410 feet), or twenty-eight thousand two hundred (28,200) feet of conductor; also ten pairs of wires on Ninth street, between the north side of Market street and a point south of Chestnut street, eight hundred and fifty-five (855) feet, or seventeen thousand one hundred (17,100) feet of conductor, a total of nine miles of conductor at an annual rental of ninety (90) dollars. The total revenue from this source is $4,590."

Table showing the amount of conduit, etc., laid by street railway companies in Philadelphia during the year 1894:

	Feet of Conduit.	*Feet of Duct.*
Hestonville, Mantua and Frankford Railway Company	37,455.50	214,812.00
Electric Traction Railway Company	201,809.00	1,745,536.00
People's Traction Company	158,304.50	1,008,312.14
Philadelphia Traction Company	529,576.00	4,539,053.00

Conduits (Brush Electric Light Company).—Prior to the laying of improved pavements on Chestnut street, the Brush Electric Light Company removed the disrupted and abandoned iron conduit laid in 1885 by the Philadelphia Sectional Company on the south side of Chestnut street, between Broad and Second streets, and replaced it with 5,470 feet of creosoted wood conduit, 14x16 inches, containing 18 ducts, each 1¼ inches in diameter, and 5,470 feet of the same kind of conduit, containing 4 ducts, 2½ inches in diameter, a total of 10,940 feet of conduit, or 120,340 feet of duct, a grand total of all laid by them of 31,382 feet of conduit, or 483,486 feet of duct.

The conduit of spruce lumber served with pitch, laid by the Penn Electric Company a few years ago on the north side of Chestnut street, between Second and Fifteenth streets, was found to be so badly decayed as to be utterly unfit for use. While the street was torn up for the introduction of the improved pavement, the matter was brought to the company's

attention, who replaced it with a conduit of creosoted lumber; thus furnishing facilities for the city as required by ordinance.

Conduits (Northern Electric Light Company).—The Northern Electric Light Company, continuing where they left off in 1893, have laid 10,560 feet of conduit on the south side of Girard avenue, between Darien street and Ontario street, and between Frankford road and Germantown avenue, and on the north side of Girard avenue, between Ontario street and Frankford avenue, and across Girard avenue at Ontario street, Germantown avenue and Frankford avenue, a total of 20,837 feet of conduit and 154,765 feet of duct owned by them.

The Edison Electric Light Company has laid 872 feet, 2 ducts each 436 feet long, of iron tube on the south side of Walnut street, between the west side of Third and the east side of Fourth.

Conduits (Total Returns).—The returns made by the various companies of the amount of conduits laid by them, together with that laid by the city, shows that there has been placed under ground 1,802,648 feet of conduit, or 13,401,065 feet of duct, of which the city owns 146,299 feet of conduit, or 897,413 feet of duct; 46,694 feet of conduit has been laid by the Penn and Edison Companies for the use of the city.

Poles and Wires Removed—The following city poles and wires were removed from the streets where cables have been placed under ground:

POLES.

North side of Market street, Second to Juniper	41
East side of Juniper, Market to Filbert	4
East side of Broad, Vine to Willow	7
West side of Broad, Willow to Fairmount	15
North side of Market, Fifteenth to Twenty-fourth	27
West side of Decatur, Market to Jayne	2
Total	96

WIRES REMOVED.

	No. of feet.
Market, between Second street and Schuylkill River	164,188
Juniper, Market to Cuthbert street	14,600
Cuthbert, Juniper to Twenty-second street	44,650
Filbert, Sixth to Eleventh street	20,700
Fifth, Chestnut to Cherry street	13,540
Second, Arch to Fairmount avenue	28,600
Twenty-second, Market to Cuthbert	5,000
Twenty-third, Market to Race	2,900
Fourth, Race to Cherry	1,320
Carried forward	295,498

	No. of feet.
Brought forward	295,498
Fifteenth, Filbert to Cuthbert	800
North street, Fifth to Sixth	4,050
Cherry, Fourth to Fifth	1,800
Woodland avenue, Thirty-fourth to Thirty-seventh	10,080
Fairmount avenue, Broad to Thirteenth	5,400
Thirteenth, Fairmount avenue to Thompson	19,200
Thirteenth, Cumberland to Lehigh avenue	11,200
Park avenue, Lehigh to Somerset	6,300
Lehigh, Thirteenth to Park avenue	3,000
Somerset, Thirteenth to Broad	5,900
Cumberland, Thirteenth to Broad	6,000
Ridge avenue, Twenty-third to Twenty-fifth	4,400
Total	373,628

or 70.95 miles of overhead wires removed and cables laid under ground for city use. In addition to the above, there has been 26.68 miles of overhead wires taken from the city's poles in various parts of the city, making a grand total of 96.6 miles of wire removed from our poles.

Below will be found a table giving a summary of the overhead and underground wires (in miles) in Philadelphia for the year 1894, together with a summary of underground conduits:

OVERHEAD.

On City Poles.	On Private Poles.	On Fixtures and Buildings.	Total.
422.11	3,256.46	623.64	4,389.51
Total mileage of city's overhead wires			1,073.34
Total mileage of all overhead wires			5,462.85

UNDERGROUND.

Electric Light.	Telephone and Telegraph.	City.	Total.
678.39	11,309.73	809.60	13,697.72
Total overhead and underground wires			19,160.57

SUMMARY OF UNDERGROUND CONDUITS.

No. of Conduits.	Length of Conduits in Feet.	No. of Ducts.	Length of Ducts in Feet.
1,540	1,802,648	12,107	13,401,065

The following extracts are taken from the annual report of the Wire Department of Boston for the year 1894:

TOTALS OF WIRES, POLES, FIXTURES, ETC., IN THE DISTRICT PRESCRIBED FOR 1894.

	Feet.
Wires on poles	1,348,450
Wires on fixtures	3,677,800
Feed wires	91,500
Guard and span wires	56,800
Total	5,174,550

Poles	725	Outriggers	217
Fixtures	240	Blocks	133
Arms	2,420	Lamp-posts	83

"Of the 1,348,450 feet of wire on poles, 125,000 feet was dead, and of the 3,677,800 feet of wire on fixtures, 2,300,000 feet was dead, or a total of 2,425,000 feet of dead wire in the district prescribed for 1894.

"The amount of electric wire of all kinds overhead, by this report, is shown to be about 5,174,550 feet. From an engineering standpoint, the construction was bad and dangerous to life and property.

"Plans were prepared of the wires, cables, conductors, structures and poles in the district, showing how every wire and cable was run, and every pole and structure placed, also the owner. The task was a difficult one, and a similar one was never attempted elsewhere to my knowledge.

"While this survey was in progress, many hearings were held with the corporations and individuals who had wires in the district, and plans were perfected by which the wires could be placed under ground. It was September 5 before definite arrangements could be made and the work commenced. The law said that the work should be done before January 1, 1895, thus allowing only four months for building the necessary subways. The law was doubtless intended to go into effect sufficiently early to have taken advantage of

the summer months. That it did not was a serious drawback; but, in spite of this fact, the wires are under ground, except in some isolated cases.

"Boston is somewhat behind other cities in making a beginning of placing electric conductors under ground. The delay has been profitable in one way. It has made possible the adoption of a subway construction based upon the experience of those who have gone before. All the companies in the main have built after the same methods.

"The subway proper is of ducts or pipes made of sheet iron and lined with cement, leaving an opening three inches in diameter. These are laid in concrete as a protection. Manholes with iron covers are placed along the line of ducts, and the insulated, lead-covered cables which carry the electric current are drawn through the ducts from manhole to manhole. The separate lengths of cable are joined together in each manhole. Beyond this point the construction varies, according to the service required.

"The details of the type of conduits, cables, insulation, drawing-in cables, distribution, etc., will be found in the special reports covering the work of the various companies.

"I am of the opinion that the placing of electric wires under ground was commenced in Boston not a moment too soon. The improved construction of subways, and the insulation of underground conductors, lessens the dangers to life and property from electricity far more so than our present overhead construction.

"The possible defect of electric subways in Boston is the presence of gas. Experience elsewhere, it is claimed, shows that the gas comes from leaky mains in the streets. We have good gas-main construction in Boston. The danger from gas in the subways is thus reduced to a minimum. If trouble comes from this source, however, it can be corrected. Various methods have been tried in New York, Philadelphia and other cities, such as ventilation through electric light poles, etc., driving the gas out by blowers, and again by maintaining an air pressure in the ducts sufficient to prevent gas entering from the outside. The latter method is pursued in New York with satisfactory results.

"The companies in our city have not taken any action to prevent gas in the subways other than constant inspection. They have agreed, however, to meet the difficulty, if it arise. We have had, since the organization of the Wire Department, one explosion in the subways, and that was traced to a leak in the gas-main.

"As regards electrolysis, steps have been taken by the West End Railroad, in connection with return wires in their subways, which promises to further obviate that danger."

Below will be found a summary of work done by the Wire Department of Boston to February 1, 1895, in and out of the 1894 district:

Feet of duct laid	487,827
Feet of cable laid	441,913
Number of manholes	268
Number of service connections	364

All companies and individuals owning wires within the district for 1894 have been ordered, commencing with January 1, 1895, to remove the wires, cables, conductors, poles, etc., which are not exempted by law. At the present time, in spite of the stormy weather, considerable progress has been made, and over one-half of the overhead wires have been removed.

Many difficulties have been met with apart from the shortness of the time by the companies in placing their wires under ground. It is a new business in Boston, consequently the drawing in of cables has been slow. Other difficulties have been delays in receiving pipes and cable. As fast as these troubles have been overcome, and the underground circuits completed, the overhead circuits are taken down.

At the present time the cables of all companies are drawn through the ducts; and, with the exception of connecting up in some cases, ready for service. The exceptions to this rule are:

The Suburban Light and Power Company: Subways completed and cable drawn in, but not connected up. They have about 10,000 feet of overhead wire to remove.

The wires of the Police Department, which are not as yet placed in the subways.

Boston Electric Light Company subway complete; about 1½ out of 31½ miles of underground cable yet to be drawn through the ducts.

West End Railroad subway complete; a total of about two out of twenty-one miles of feed cable to be drawn through the ducts.

The Police department have made a beginning of their work by placing posts for their boxes, which are to be connected with the underground service.

In both the cases of the West End Railroad and the Boston Electric Light Company, two days will be sufficient to draw in the balance of their underground cable.

As regards the removal of overhead wires, so much progress has been made that only a few weeks longer will be necessary to take down all of the overhead wires in the district for 1894. Up to February 1, about 3,000,000 feet of wire has been removed, and some poles.

ESTIMATE OF AMOUNT OF WIRE REMOVED TO FEBRUARY 1, 1895.

	Feet.
Boston Electric Light Company	300,000
New England Telephone and Telegraph Company	300,000
Police Signal Service	37,600
Wire Department, dead wire removed	600,000
Western Union Telegraph Company	211,000
Mutual District Messenger Company, removed by Wire Department	35,000
Boston District Messenger Company	39,600
New England Telegraph Company	38,000
Fire-alarm Branch, Boston Fire Department	105,600
Boston Automatic Fire-alarm Company	8,000
Boston Auxiliary Fire-alarm Company	3,000
New England Printing Telegraph Company	13,000
Old Colony Railroad Company	5,000
Miscellaneous	1,000,000
Total	2,695,800

Police Department have substituted overhead cable for wire removed.

POLES REMOVED UP TO FEBRUARY 1, 1895.

Eliot street	5
Albany street	21
Hudson and Edinboro' streets	23
Kingston street	3
Beach street	1
Harrison avenue	1
Essex street	1
South street	5
Castle street	8
Kneeland street	1
Troy street	4
Total	73

The following extracts are taken from the report of the Board of Commissioners of Electrical Subways of Brooklyn, New York, for 1894:

GENERAL SUMMARY.

Aggregate length of electric conductors of all kinds within the city limits (omitting areas added by the last Legislature) is 15,914.688 miles; length of conductors within new areas is 857.74 miles; total, 16,772.428.

Wires under ground or on elevated roads, 9,380.406 miles.

Total length of aerial system within the old city limits, 6,447.532 miles.

Wires buried during the year, including amount suspended, as above stated, 2,005.43 miles.

Number of permits issued for construction, repairs and removals during the year is 756.

The result of the work done, as shown elsewhere in this report, is that the total length of wire now in underground conduits is more than twice as great as the total of electrical conductors in the city when the Board was first organized.

The wires now on poles and house-tops represent in amount only a portion of the growth of our electrical systems within the last few years. Fully sixty per cent. of all of the wires within our limits are now provided with spaces in conduits, or are carried by the elevated railroad structure.

The latest and most potent cause of loss in the buried cables is the electrolytic corrosion, more fully discussed elsewhere in this report. Fully four hundred miles of telephone wire have from various causes been rendered worthless. About three hundred miles have been rendered useless during the past year through the corrosion of the lead covering of the cables. The city wires are yet mostly on poles, awaiting an appropriation to defray the expense of an underground system.

A notable event of the year just closing was the beginning of the construction of conduits for high tension arc-light conductors. The Municipal Electric Light Company began its underground work in September. An aggregate length of 112,000 feet or 21.20 miles of duct is prepared to receive conductors. Cables will be drawn in during favorable weather in the winter, and the construction of conduits continued in the spring.

REPORT

—— OF THE ——

CITY OF BALTIMORE

Topographical Survey

—— TO THE ——

Mayor and City Council of Baltimore,

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT

CITY OF BALTIMORE TOPOGRAPHICAL SURVEY.

OFFICE OF ENGINEER,

BALTIMORE, MD., December 31, 1895.

To the HON. ALCAEUS HOOPER, *Mayor*,
HON. J. A. ROBB, *Register*,
HON. J. R. HORNER, *Comptroller*,
Commission:

GENTLEMEN:

I have the honor to submit for your consideration, a report of the work of the Topographical Survey for the year ending December 31, 1895.

The work remaining to be done, as outlined in my last Annual Report, has been prosecuted during the year.

The Topographical field work of the entire city, embracing about thirty-three square miles, has been completed, and the field maps finished in the office.

The field work has been transferred to twenty-five square mile sheets, on a scale of 200 feet to one inch, and completed in the office.

Twenty of these sheets have been published, and are available for general public use, and five sheets are in the hands of the publishers.

The office work of the eight remaining sheets is being prosecuted.

The blue print which accompanies this report illustrates the division of the city into square miles. The numbers of the square mile sheets are referred to a line due north and south passing through the head of the figure on the Washington Monument, and a line at right angles thereto, passing through the same point, and also illustrates the progress of the work, and the standard symbols adopted.

The work of computing the block distances, and determining the directions and widths of the street lines projected in the Annex, has been prosecuted with a small force since

these street lines received the consideration of the Committee appointed by the Council for this purpose.

The work completed of this class is bounded by the eastern city limits on the east, by North Avenue on the south, by Montebello Avenue on the west, and a line about one-half mile south of the north boundary line of the city on the north. This work is now being extended over the Annex.

The Property Survey has been prosecuted in the field during the year, until November 1, at which time the field work was discontinued, for the reason that such work cannot be rapidly or economically conducted during cold weather. The office work of preparing these maps for publication in the areas covered by the field work has been continued.

The work accomplished to this date is shown on the diagram attached colored "red."

These maps are being prepared, twenty-four to the square mile, for publication in sheets of six to the square mile, making a sheet of convenient size.

As stated in my previous reports, these maps will show the location and dimensions of each piece of property in the city, with the character of improvements and name of owner, and will be of special value to the Tax Deparment.

The areas shown on the diagram by "hatched" lines, embracing parks, cemeteries, etc., will not be covered by the Property Survey, the work covering these areas having already been done by the Topographical Division of the Survey.

The areas in the Annex over which the Property Survey remains to be done are shown on the diagram without color. This work requires the utmost care and precision. To serve the purpose for which it is intended, it must be as nearly perfect as possible.

The precise traverse field work and office computations locating the points which form the basis of this work has been completed. The field work will, with your approval, be resumed on April 1, next.

The office work, including the map work, indexing of all field notes, computation of block distances, and the direction of street lines and street widths, and the preparation of the sheets for the field work of the Property Survey, is being prosecuted with a small office force.

I submit a statement of the receipts and disbursements of the Survey to December 31, 1895:

RECEIPTS AND EXPENDITURES FROM MAY 1, 1893, TO DECEMBER 31, 1895.

RECEIPTS.

There was appropriated for the survey (Ordinance No. 98, approved April 26, 1893)	$125,000 00
Received from other sources, to December 31, 1895	551 89
Appropriation for current year (Ordinance No. 21, approved March 27, 1895)	31,000 00
Total sum available	$156,551 89

EXPENDITURES.

For instruments, tools, stakes, iron pipe, copper bolts, etc., for permanent stations, repairs, etc...	$6,325 17	
For stationery, drawing paper, inks, instruments, blue print apparatus, books, etc	3,234 97	
For office rent	4,436 67	
For office furniture, drawing boards, etc	499 93	
Incidental expenses	526 36	
Boundary lines of the city, including cost of stone monuments, corner-stones set in concrete, and the aid of the County Surveyors in establishing the lines	975 70	
For expenses in establishing the Mt. Royal base line as a standard of length	31 45	
Transportation of field parties, including cost of horse and dayton, repairs to wagon and livery	3,469 35	
For observation towers	2,310 58	
" miscellaneous hauling	58 05	
" salary of Secretary of Commission	1,075 00	
" incidental expenses of Commission	120 85	
" photo-lithographing square mile sheets	4,750 00	
" pay-rolls	120,435 64	
Total expenditures to December 31, 1895		148,249 72
Balance on hand December 31, 1895		$8,302 17

I estimate that the following expenditures will be required for the year 1896:

To complete the office work of the square mile sheets, ready for publication, of the entire city	$ 800 00
To complete the publication of the square mile sheets	3,250 00
For the completion of the office work of the general map of the city (one sheet) on scale of 500 feet to one inch	500 00
To engrave on copper and publish the general map of the city	4,000 00
For computation of block distances, and the direction of street lines and widths in the Annex	3,600 00
For setting the corner-stones of established streets in the Annex, including cost of stones	6,040 00
For field and office work of the Property Survey	25,600 00
For publishing the property maps, including the furnishing of 500 copies of each map	12,000 00
Total	$55,790 00
Amount of unexpended appropriation	8,302 17
Amount required for the completion of the work as stated	$47,487 83

Of the total amount required for the Survey, it will be noticed that $19,250 is the estimated cost of publishing the maps, and $6,040 for stones and the work required to mark the established street corners in the Annex.

The city will be reimbursed to a large extent, if not entirely, for the sums expended in publishing the maps, by the amounts which will be received by the sale of these maps to the public, especially of the general map and the property maps.

To engrave and publish the general map of the city will take ten months. It is therefore important to promptly authorize this work.

It is scarcely necessary for me to call attention to the value of such a work. It will furnish an accurate general map of the city, with all existing street lines, parks, cemeteries and public buildings. All streams and topographical features in contours at five feet vertical interval, and as street lines are established and opened, they may be added to the copper plates, and complete maps to date, reproduced at a minimum cost.

By reference to the annual report of this Survey for the year ending December 31, 1894, page 60, Article 89, it will be seen that the entire work of this survey has been referred to one "Standard Meridian," viz.: the "Washington Monument," and on pages 93 and 95, Articles 148 and 152, is described the advantages of such a system. As there exists no legal Standard Meridian for the City of Baltimore, I respectfully recommend that the Legislature of Maryland be requested to enact a law making the "Monument Meridian," adopted by this survey, the "Standard Meridian" for the City of Baltimore, to which shall be referred the position of all points, and the direction of all lines, as a means of eliminating as far as possible all uncertainties of location and direction.

I respectfully recommend that an appropriation of $47,487.83 be made for the continuance of the work of this Survey, as hereinbefore stated, to be taken from the Tax Levy for 1896.

Respectfully submitted,

H. T. DOUGLAS, *Chief Engineer.*

THIRTY-SIXTH ANNUAL REPORT

— OF THE —

PUBLIC PARK COMMISSION

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

FISCAL YEAR ENDING DECEMBER 31, 1895.

THE PUBLIC PARK COMMISSION

—— OF THE ——

CITY OF BALTIMORE, MD.

HON. ALCAEUS HOOPER, MAYOR,
Chairman ex-officio.

GEN. JOHN S. BERRY,
Secretary.

DAVID L. BARTLETT,

GERMAN H. HUNT,

JOHN C. FROEHLICH,

DOUGLAS H. THOMAS,

GEORGE R. WILLIS.

BALTIMORE, December 31, 1895.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—We beg to preface this, our annual report for the year 1895, with a history of the public parks of Baltimore, collated at our request by Hon. Ferdinand C. Latrobe, ex-Mayor of Baltimore City.

HISTORY

OF THE

PUBLIC PARKS OF BALTIMORE.

The public parks of Baltimore, as they now exist, originated in a proposition considered by the Mayor and City Council, as far back as 1851, to establish a boulevard around the city. In the action then had, Boundary avenue was the name adopted, but the governing idea of the proposed boulevard was as the term is understood in Europe—that is, a wide street or avenue bordered by trees, or with trees in the centre, and furnished with seats on either side, where pedestrians, as well as equestrians and persons in general, might find recreation and fresh air.

COMMISSION OF 1851.

By resolutions of the Mayor and City Council, Nos. 124 and 128, approved respectively June 12 and 21, 1851, John H. B. Latrobe, James Carroll, Fielding Lucas, Jr.; John H. T. Jerome, Mayor; John S. Brown, President of the First, and Hugh Bolton, President of the Second Branch of the City Council, were appointed Commissioners to inquire into and report upon the most feasible plan for opening, widening, extending and improving the avenues on the eastern and northern boundaries of the city, as laid down on Poppleton's plat, and providing a like avenue on the western boundary of the city. The population of Baltimore in 1850 was 169,054, and the taxable basis in 1851 was $79,878,372.

A BEAUTIFUL BOULEVARD PLANNED.

The Commission appointed Thomas P. Chiffelle its Engineer, and made a full report upon the subject, which can

be seen among the papers of the Commission. It indicated a route which is marked upon a map of Baltimore drawn by I. Simmons in 1852. The estimated cost was $441,360, exclusive of the right-of-way. The report suggested that more detailed surveys might show a diminished cost.

By resolution No. 114, approved May 28, 1852, the Commission was continued with wider authority as regarded location of the boulevard. After elaborate and careful surveys, an entirely new route was suggested, the estimated cost of which, exclusive of right-of-way, was $337,000. The later surveys and estimates were made by Augustus Faul, subsequently Superintendent and Engineer of Druid Hill Park.

The Faul Survey and location is shown on another map of the city made by Mr. Simmons, published in 1853. The plan was for a central space, 130 feet wide, to be thickly planted with trees, with a carriage drive forty feet on either side, and beyond that, foot pavements of twenty feet, making a total width of 250 feet. Trees were to be planted on the edge of the foot pavements, next the carriage-ways.

POPULAR OPPOSITION.

This boulevard was to be located between the present North avenue and the south line of Druid Hill Park. Its construction would, in the judgment of the Commission, have required the extension of the then city limits, and to this there was great opposition at the time. No effort was therefore made to obtain the necessary legislation at Annapolis, and the matter was dropped.

ORIGIN OF THE PARK TAX.

From 1856 to 1860 Thomas Swann was Mayor of Baltimore. During his mayoralty the subject of street railways was presented to the Mayor and City Council by parties desiring the use of the streets for that purpose. Many projects for their construction were suggested by different applicants for grants for this most valuable franchise. Mayor Swann stated most positively that no ordinance granting such a franchise would receive his approval unless it contained a provision that one-fifth of the gross income of the railways should be paid to

the city, to be used either for carrying out the old plan for a boulevard, or else for purchasing and maintaining a public park or parks.

RESTRICTING A FRANCHISE.

It will therefore be found that Ordinance No. 44, approved by Mayor Swann March 28, 1859, empowering William H. Travers, William S. Browning, William De Geoy, Robert Cathcart, Joshua B. Sumwalt, and those who are now or may hereafter become associated with them, and their assigns, to build and lay down tracks for a passenger railway on Baltimore and other streets contained the following provision:

That the said association shall, by their treasurer, under oath, pay into the hands of the City Register quarterly, one-fifth of the gross receipts accruing from passenger travel upon said roads located within the city limits under this ordinance, or any extension of said limits which may be determined upon hereafter, the same to be applied to the establishment and improvement of the City Boundary avenue, as reported upon at the annual session of the Mayor and City Council of Baltimore in 1853 by Commissioners appointed at the annual session of 1851, and to the location and improvement of such park or parks as may be determined upon hereafter by the Mayor and City Council of Baltimore for the benefit of the people of said city; said park or parks not to comprise an area of less than fifty acres each, and the said Mayor and City Council shall have the power on the completion of said improvements to reduce the rate of fare on passenger travel to such limit within the range of one-fifth of the gross receipts of said road as they may deem expedient and advisable, the city at the same time relinquishing her interest in the receipts from said road to the extent of said reduction on said fare.

FLUCTUATIONS OF FARES.

Section 5 provided as follows: "The price for transporting passengers from any one part of the city to any other on the line of these railroads shall not exceed the sum of five cents per passenger, and the sum of twenty dollars shall be paid annually upon each car running regularly on said railway as license money therefor to the City Register."

Section 3 imposed a penalty of fifty dollars for each car

run on the Sabbath day. By subsequent legislation the price per passenger was advanced to six cents, and during the civil war to seven cents. It was then reduced again to five cents, and a charge made for transfers. The present rate of fare, as is well-known, is five cents, with free transfers, and the amount paid to the City Register, instead of being 20 per cent. of the gross receipts, has been reduced to 9 per cent. By a vote of the people in 1870 the cars were permitted to run on Sunday.

GREAT INCREASE IN REVENUE.

As an indication of the growth of the city and the increase in the business of the street railways, it may be stated that for the first year of their operation the amount paid to the City Register was $33,000. This was under the 20 per cent. rate. In 1895 the amount received by the City Register was $234,167.49, under the present 9 per cent. rate. In Mayor Swann's address at the opening of Druid Hill Park in 1860 he said that the increase shown at the expiration of the last quarter gives earnest of a revenue from this source of from fifty to seventy-five thousand dollars per annum.

SELECTION OF DRUID HILL.

In accordance with the views of Mayor Swann in connection with the subject of public parks, Resolution No. 227, approved June 4, 1860, was passed by the Mayor and City Council. It provided: "That the Mayor be and he is hereby authorized and empowered to appoint four discreet persons, who, with the Mayor, shall constitute a Commission to select and purchase a site or sites, the number of acres, etc., for the proposed park or parks, and that the said Commission shall serve without pay or emolument.

Under this resolution the Mayor appointed as Park Commissioners John H. B. Latrobe, who had been chairman of the Boundary Commission; William E. Hooper, Robert Leslie and Columbus O'Donnell. The Commission met at the then City Hall on Holliday street, with the Mayor as chairman, and after determining that the proposed park should contain at least 500 acres, advertised for proposals from owners of property in the vicinity of Baltimore.

Numerous sites were offered and many suggestions made through the press and by letter as to the proper location for

a park. Every site was carefully examined by the Commission, and after full consideration, Druid Hill was selected.

The tract so chosen then consisted of 518 acres, 3 rods and 4 perches, about 475 acres of which was the property of Mr. Lloyd N. Rogers. In 1709 this estate had passed into the hands of Nicholas Rogers, ancestor of L. N. Rogers, whose grandson, also named Nicholas Rogers, was a soldier of the Revolution and aide-de-camp to Baron De Kalb. The square-rigged vessel represented in the view of Baltimore in 1752, and comprising at that time nearly her whole commercial marine, was the property of the elder Nicholas Rogers. From its original settlement down to its transfer to the City of Baltimore Druid Hill had remained unchanged in its general outlines.

ISSUE OF THIRTY-YEAR BONDS.

Having selected the site and agreed with the owner to pay $1,000 per acre for the land, the question presented to the Commission was how to get the money. The plan proposed by Mayor Swann and adopted by the Mayor and City Council by Ordinance No. 60, approved July 21, 1860, was to issue bonds having thirty years to run, bearing 6 per cent interest, to be given to the owner of the land for the purchase money; to apply the revenue of the passenger railways first to the payment of the interest, then to appropriate one-fifth of what might remain after paying the interest to a sinking fund for the redemption of the bonds at maturity, and lastly to use the balance for the maintenance and improvement of the parks. This plan was adopted by Ordinance No. 60. Section 10 of the same ordinance constituting Mayor Swann a member of the Park Commission in his individual capacity.

A DIFFICULTY SETTLED.

Another difficulty was encountered which seriously threatened the final consummation of the purchase of Druid Hill. Mr. Rogers, the owner, objected to receiving the purchase money for the property in city stock, distrusting the value of the stock, and he positively declined to comply with the terms of the sale. Delay and litigation were therefore probable. The Commission in this apparent crisis availed itself of the friendly offices of Mr. Archibald Sterling, through

whom Mr. Rogers finally agreed to convey the property to the city provided one-fourth of the purchase money be paid in cash.

City stock in 1860, even bearing 6 per cent. interest, was not as salable as it is in 1895, and the Commission was embarrassed in finding funds for the cash payments. This difficulty was promptly removed by the following gentlemen, who each agreed to purchase $10,000 of the stock at par, and thus supply the money for the cash payment: Thomas Swann, Columbus O'Donnell, John M. Orem, John S. Gittings, George S. Brown, William E. Hooper, John H. B. Latrobe, Thomas Winans, Chauncy Brooks, Benjamin Deford and Enoch Pratt.

Of these public-spirited citizens, Enoch Pratt is the sole survivor. Mr. Pratt is, in fact, the only man now living whose name is in any way connected with the original purchase of Druid Hill Park. It is gratifying to know that no loss was sustained in connection with this liberality; for the stock which Mr. Rogers hesitated to accept, and which would not sell at par in 1860, became afterward a favorite investment and rose far above its face value.

In 1890 this stock became due. It was redeemed by the sinking fund provided by the ordinance of 1860. The fund not only met the principal, but placed to the credit of the park fund a balance of about $175,000.

LATER IMPROVEMENTS.

Druid Lake was made by the Water Board, the Park Commission contributing $27,000 as an inducement for its location on the present site.

The Mount Royal entrance to the park was constructed in 1873, the right-of-way being granted under certain conditions by the heirs of the Bond Estate.

The family burying-ground in Druid Hill Park, containing half an acre, was reserved by Mr. Rogers, with the privilege of his descendants then living to be buried there.

AN IMPORTANT CEREMONY.

Druid Hill Park was inaugurated October 19, 1860. The Mayor, Hon. Thomas Swann, accompanied by the Mayor-elect, Hon. George William Brown; the Park Commissioners, members of the City Council and their officers, assembled at the City Hall at half past 2 o'clock P.M., and were conveyed

in carriages to the park. The foreign consuls, Commissioners of Public Schools, Judges of the City and State Courts, members of the Historical Society, and many prominent citizens were also present by special invitation. There was a full parade of all the volunteer soldiery, under the command of Major-General George H. Steuart, and a great outpouring of the people. The weather was fine, and the city seemed to have emptied itself into the beautiful lawns and groves of Druid Hill. The inaugural ceremonies consisted of a prayer by Rev. Dr. George D. Cummins, an address by Mayor Swann, and an ode, composed by John H. B. Latrobe, and sung by the children of the public schools.

PROTECTING THE PUBLIC.

In connection with what is known as the park tax, Mayor Swann made a statement in his address, which I quote because I believe the imposition of this tax was a wise provision, and I only regret, as a citizen, that Baltimore did not sell more of its valuable franchises, instead of giving them away. Mayor Swann said:

"Surely the authorities cannot be charged with disregarding the material interest of the people in enacting and securing a bonus of one million of dollars for the use of our streets, when most other cities, although assenting to the same rate of transportation, have made no similar reservations for their own benefit. If it is true that these railways are destined to result in liberal profits to their proprietors, it can hardly be objected that those who had confidence to encounter the risk and burden of the construction should be amply compensated, and the City of Baltimore, with her object accomplished in the acquisition of this park, can hardly find cause to complain when her people ride as cheaply as those of any other city, and the bonus secured goes into their hands for their sole and exclusive benefit."

The original purchase of Druid Hill from Mr. Lloyd N. Rogers and others was as follows:

	Acres.	*Rods.*	*Perches.*	
Lloyd N. Rogers	453	..	28	....at $1,000 per acre.
" " add. purchase	8	1	17	....at $1,000 per acre.
" " " "	11	3	36	....at $1,000 per acre.
One portion Mt. Vernon Cem.	16	..	..	....for $16,000.
John Clarke and others	11	2	23	....at $1,000 per acre.
Hugh Gelston	7	3	..	....at $700 per acre.
Miles White	5	1	5	
	518	3	4	

Since the purchases made as above, a number of additions have been made to Druid Hill, a reference to all of which will be found in the property-book of the Park Commisssion. Its present area is 671.2 acres.

PATTERSON PARK.

(106 *Acres.*)

After the purchase in 1860 of the land from Lloyd N. Rogers for Druid Hill Park, the citizens of East Baltimore were urgent in their demands that the Commission, under the authority of Ordinance No. 227, approved June 4, 1860, should provide for a park in the eastern section.

In 1827 William Patterson had donated to the Mayor and City Council two squares of ground bounded by Pinkney, now Lombard street; Pratt street; Gist street, now Patterson Park avenue, and Rogers, now Cannon street, to be used as a public pleasure ground. The Commission regarding this as a nucleus for a park, enlarged it in 1860 by the purchase of a portion of the additional surrounding ground, and thus constituted Patterson Park, containing 37 acres, bounded by Baltimore street, Gough street, Patterson Park avenue and Luzerne street.

By Ordinance No. 116, approved June 23, 1871, the Park Commission was authorized and directed to again enlarge this park by the purchase of the ground commencing at the southwest corner of said park at Gough street, and running thence southerly, binding on the east side of Patterson Park avenue to Eastern avenue; thence easterly, binding on the north side of said Eastern avenue to Luzerne street; thence on the west side of Luzerne street to Baltimore street, and thence westerly, binding on the south side of Baltimore street to the northeast corner of said park at Luzerne street; this purchase was made at a cost of $127,318. By Ordinance No. 120, approved October 19, 1882, Patterson Park was again authorized and directed to be extended eastwardly from its then eastern boundary so as to take in the land bounded by Baltimore street, Patuxent street, Eastern avenue, and the eastern outside of Patterson Park. This purchase was made at a cost of $121,103 in 1883. The total area of Patterson Park is now 106 acres.

Druid Hill and Patterson were the only parks, the establishment of which was apparently contemplated by what was known as the Public Park Ordinance No. 60, approved July

21, 1860, and the purchases of which were ratified by Ordinance No. 29, approved January 31, 1862.

Additions have subsequently been made from time to time by the Mayor and City Council to the parks of Baltimore, the custody and care of which have been placed in charge of the Park Commission, as follows:

RIVERSIDE PARK.

(17.21 *Acres.*)

By Ordinance No. 65, approved June 11, 1873, the Mayor, in the name of the corporation, was authorized and directed to lease 14 acres of ground for the enlargement of Battery Square on the south side of said square. Battery Square had been acquired by the Mayor and City Council from James Polk and wife by deed dated September 17, 1862, the consideration being $8,645.62; its boundaries were as follows: Beginning on southwest corner of Randall and Covington streets, and running west on Randall street 390 feet, thence south 62 feet, thence southwest 324½ feet to Johnson street, thence south on Johnson street 158 feet, thence northeasterly 712 feet to Covington street, and thence north on Covington street 185 feet to the beginning. The area of Battery Square was 3 acres. On this ground had been located what was known as the Six Gun Battery, which is said to have taken part in the defence of Fort McHenry during the war of 1812. After the enlargement authorized by Ordinance No. 65 of 1873, it was subsequently added to by authority of the Mayor and City Council on June 25, 1883, and December 22, 1885. The present area is 17.21 acres, and its total cost has been $77,488.79. Its name, Riverside, was given this park in Ordinance No. 65, above referred to. Ordinance No. 88, approved October 20, 1879, placed Riverside Park under the control of the Public Park Commission.

FEDERAL HILL PARK.

(8.21 *Acres.*)

Federal Hill Park was purchased October 26, 1879, under Ordinance No. 152, approved October 25, 1875. It included the ground lying between Johnson, Hughes, Covington and Warren streets. It was subsequently enlarged by purchases in 1885 and 1892, and now contains 8.21 acres. The total cost of the property was $91,780.42. It was placed under the control of the Public Park Commission by Ordinance No. 88, approved October 20, 1879.

JOHNSTON SQUARE.

(2.58 *Acres.*)

Johnston Square was purchased under the provisions of Ordinance No. 38, approved May 3, 1878, directing the acquirement of the lot of ground bounded by McKim, Valley, Biddle and Chase streets. The date of purchase was May 20, 1878; its area is 2.58 acres; the cost was $20,000. It is named after Robert Johnston, who was a member of the City Council from the Eighth Ward. This square was transferred to the care and management of the Public Park Commission by Ordinance No. 23, approved April 13, 1883.

COLLINGTON PARK.

(5.28 *Acres.*)

Collington Park, containing 5.28 acres, bounded by Hoffman, John, Chester and Patterson Park avenue, was leased by authority of Ordinance No. 49, approved April 5, 1880, at a capitalized amount of $24,000, at 4 per cent., payable semi-annually.

MOUNT ROYAL TERRACES.

(2 *Acres.*)

The ground now improved and made into what is known as the Mount Royal Terraces, or Sunken Gardens, was purchased in October, 1885. Its purchase and improvement was considered as being part of what was known as the Jones' Falls Improvement and also as part of the opening of Mount Royal avenue, and the cost was provided in the expenditure made in those connections. The purchase of the ground and construction of these terraces was never directly authorized by ordinance of the Mayor and City Council.

In this connection it may be interesting to state that the opening of Mount Royal avenue costs the city $152,772.71, the damages and expenses being $263,085.50, and the benefits $110,212.79.

CARROLL PARK.

(35.72 *Acres.*)

The Act of Assembly of 1888, Chapter 131, and the ordinance of the Mayor and City Council, No. 98, approved September 26, 1888, authorized what was known as the Five Million Loan.

One of the sections of this ordinance provided for the ex-

penditure of $50,000 for the purchase and improvement of ground in the southwest part of Baltimore to be improved as a public park.

Ordinance No. 20, approved March 22, 1889, directed the Park Commission to purchase the ground now known as Carroll Park. The date of its purchase was November 8, 1890. Ordinance No. 110, approved May 1, 1893, authorized the extension of this park by the purchase and condemnation of all that portion of ground situated within the limits of the south side of Carroll Park, east side of Monroe street, north side of Columbia avenue, and west side of Gunpowder street. The last purchase of ground for this park was made by the Commission from the surplus funds in its hands after payment of the sinking fund set apart for the redemption of the original 1890 stock.

CLIFTON PARK.

(252.09 *Acres.*)

The acquirement of Clifton, the residence of the late Johns Hopkins, from the trustees of the Johns Hopkins University, was suggested by Mayor Latrobe in his message to the City Council in January, 1894.

The Act of Assembly of 1894, Chapter 149, and an ordinance of the Mayor and City Council, No. 137, approved October 5, 1894, in authorizing the issue of what is known as the Four Million Dollar Loan, set apart $1,000,000, or so much thereof as was necessary, for the purchase of this property, to be used as a public park. In accordance therewith Clifton was acquired by condemnation August 2, 1895. The cost of the ground was $713,385.69, and expenses $8,980.61, a total of $722,366.61.

MAINTENANCE OF PARKS AND SQUARES.

Originally the park fund, or revenue derived from the city passenger railways, was only required to provide for the maintenance of Druid Hill and Patterson Parks; all other parks or squares under the control of the Park Commission were provided for, both for improvement and maintenance, by annual special appropriation made by the Mayor and City Council.

By Ordinance No. 14, approved March 24, 1891, this was changed, and now all the parks and squares, whether under

the control of the Park Commission or of special Commissioners, must be improved and maintained at the expense of the park fund. Section 1 of this ordinance reads as follows:

"Be it enacted and ordained by the Mayor and City Council of Baltimore, That after the payment of the interest on the Patterson Park extension stock, and in addition to the maintenance of Druid Hill and Patterson Parks as now provided for, so much of the park fund as may be necessary for the purpose is hereby permanently appropriated for the maintenance and improvement of Federal Hill, Riverside and Carroll Parks, and the several public squares, places, circles, terraces and springs of the city; and the Commissioners of Public Parks are hereby authorized and directed to determine the amount of expenses proper for the same, and to provide therefor out of the park fund coming into their hands.

REPORT

OF THE

PUBLIC PARK COMMISSION.

BALTIMORE, December 31, 1895.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—In accordance with Section 5 of an ordinance providing for a public park or parks, approved July 21, 1860, we beg leave to submit a brief summary of what has been done in the public parks under our care during the year 1895:

DRUID HILL.

The entrance at the upper end of Latrobe avenue was completed early in the season. The gateway is a handsome piece of work and well executed. The gates are said to be the largest in the world, each opening being fifty-seven feet.

Swann avenue was macadamized during the season, much to the improvement of the driveway, The crossing of North avenue at the Mount Royal entrance was regraded and paved with granite. Extensive repairs were made to the lake drive and East avenue. The footways between the office building and Fulton-avenue entrance, etc., were paved with asphalt block. The new public closets and urinal behind the office building were finished early in the season, and are unexcelled for comfort and cleanliness. The accommodations for women were also increased at the Traction terminus. The boat lake was thoroughly cleaned out and put in order. Much other work was done, besides keeping the park in order for the daily use of the public.

At Patterson Park the work upon the extension has been the most important item. With the aid of a special appropriation of $15,000, work was actively pushed and good progress was made. In the old park the potting-house and one wing of the propagating-house were rebuilt. The entire gardening department is now in good order. The usual routine work has been faithfully done during the year.

Federal Hill, Riverside, Mount Royal Terraces, and Johnston Parks have been kept in excellent condition, but present no points of special interest for the year, except that a flight of granite steps was built at the west entrance to Federal Hill.

Collington Park, which has been untouched for some years, was taken up again, in deference to the improvement of that district and the grading of the streets, and pushed well out to completion.

Carroll Park and its extension have made rapid advancement; the old park in beauty and finish, the extension in the filling up of the brick pits, and the rapid raising of the grade all over the property. Much work of every kind has been done, and at the same rate of progress a few years will see the extension completed.

Clifton Park remains much as it was when put into the hands of the Commission last August, it being the judgment of the Commission that no important work should be undertaken, at least, until the fate of the proposed Exposition of 1897 should be decided. The park is really so little resorted to at present by the public that much expenditure does not seem necessary. The exterior of the mansion has been put in thorough order and painted. Two furnaces have been placed in the cellar to keep the house dry. The grounds have been cleaned up and other work done necessary to prevent further deterioration of the property.

With this short sketch, you are respectfully referred to the following reports of the General Superintendent and Engineer, and that of the Treasurer.

REPORT OF THE GENERAL SUPERINTENDENT AND ENGINEER.

BALTIMORE, December 31, 1895.

To the Public Park Commission:

GENTLEMEN.—Please find herein my report for 1895:

DRUID HILL PARK.

(671.21 *Acres.*)

The unusually severe weather which prevailed during January and part of February compelled the cessation of all out-of-door constructive work, and the reduction of the force to a minimum. The cleaning away of snow, scraping the boat lake for skaters, keeping our drains open, and the spreading of compost, represents all of the outside work done until February 18, when a force of ten men was put to work in the rotten rock quarry to prepare material for road mending in the spring.

It was during the month of February that it became necessary to keep two men day and night at the sea-lion pond, to prevent its being frozen tight and keep it in condition for the use of the sea lion. The lowest temperature during the month was 3° below zero. The temperature rose rapidly towards the close of the month, and work left unfinished the previous fall was resumed as below.

ENTRANCES.

Work on the upper gateway, Latrobe and Park avenues, was resumed February 27, and the central tower was completed by March 30, and on May 17 all the granite work was in place and finished. On May 22 the erection of the iron gates began, and on May 31 they were in place and riveted up. Their action proved to be all that was expected—they are perfectly hung and balanced, and move without difficulty,

although each gate is 57 feet long; they are capable of adjustment should it ever become necessary.

The bronze lamp was put in position on top of the central tower and lit about June 5, the lake cable being extended to the tower for the purpose. It is one of our best lights. Owing to some misunderstanding on the part of the Bonds, the necessary grading in connection with the gateway was not pushed until July, during which month, however, the entire work was finished.

DRIVEWAYS.

Early in May we began the repairing of a portion of the lake drive, which had become completely denuded of surface metal during the storms of preceding winters, and was the only stretch of the lake roadway which had not been repaired within the past ten years. The surface was broken up and a heavy coating of gravel applied, and well rolled. The length of this repaired section was 900 feet. The most important piece of work in driveways was the macadamizing of Swann avenue, which was begun on May 28. The contract for the foundation stone had been let to James Atkinson at $1 per cubic yard for quarry spawls delivered on road, and for surface stone to Daniel Baker, who was to furnish Frederick County limestone at $1.63 per cubic yard on the Water Board switch. The entire road was excavated to an average depth of 7 inches, the area to be macadamized being 1,100 feet by 39 feet—4,766 square yards—the bed was then shaped and rolled before laying the stone. The stone furnished by James Atkinson came with some help rapidly enough, but much delay occurred through the slow delivery of the limestone, due to the breaking down of crushers. The work was finally completed August 6, and thrown open to the public. It is the most perfect piece of macadam we have yet made, and cost $78\frac{6}{10}$ cents per square yard, or a total of $4,153.99, including everything. The metal is finished 8 inches thick, to make which $11\frac{1}{4}$ inches of stone were placed on the road before rolling. During October 186 square yards of pebble paving were laid on the south approach to Mansion.

In August the driveway known as East avenue was entirely torn up and recoated for a distance of 6,138 lineal feet. This became necessary from the fact that the road was originally made with a very dry loose gravel, which never packed and made driving very disagreeable.

The crossing of North avenue in front of the Mount Royal entrance being in very bad condition, the Commission ordered it repaved; and, to expedite it, that it be done by contract. It was let to Patrick Reddington, he being the lowest bidder. The entire area was regraded and shaped so as to offer the least obstruction to travel. It was paved with Richmond granite blocks of excellent quality on six inches of sand, and is a good piece of work. The price paid was $52 per 1,000 for blocks, and 60 cents per square yard for grading, sand and laying. The cost of the finished work with new blocks was $2.16 per square yard. The blocks were paid for by the thousand, because we had a good many old ones, which were culled and worked in, which reduced the average price for the entire work. The work was finished in August.

No other work was done on driveways during the year, except the regular repairs, which were carried on as usual.

FOOTWAYS.

Much has been done during the year in the permanent improvements of footways, and it may be said that as the great bulk of the summer visitors to the park go on foot, this class of improvement is highly appreciated and very useful. Beginning at the John H. B. Latrobe entrance, North avenue, on June 11, the eastern footway was paved for a distance of 320 feet with asphalt blocks—294 square yards. From the termination of this pavement the footway was put in shape and coated with limestone siftings for a distance of 2,600 lineal feet, whilst the western footway was similarly treated for a distance of 1,064 feet.

Probably the most important piece of work of this sort, however, was the paving of the footways leading from Madison-avenue entrance to Fulton-avenue gate, with a branch to the Druid Hill-avenue entrance, opposite the terminus of the Central Railway Company.

Work was begun June 26, and finished in September. These walks were carefully graded and shaped so as to drain well, and were laid with hexagonal asphalt tiling, bordered with heavy asphalt blocks on edge. The tiles were well laid on four inches of sand, and have stood the weather admirably. These walks are crowded in summer; all passengers from the Central Railroad take them, and the heavy travel between Madison avenue and Fulton avenue is on them, not to

speak of the constant pilgrimages to the favorite pump which stands directly on its edge. The amount of this paving was 1,106 square yards.

Small amounts of asphalt block pavement were laid around the flag-pole at the office, around the Wallace Statue, at palm-house, in front of the Rippel fountain, and around the new gate, Latrobe avenue, aggregating 186 square yards.

During May and June we laid 350 square yards of pebble paving on certain much used paths near the boat lake; also 142 square yards of brick paving on the steep path leading to the zoo.

This closes the list of betterments to footways. Much other work was done on them in the way of ordinary repairs, as usual.

BRIDLE PATHS.

Nothing special was done to bridle paths during the season. Ordinary repairs were made during August, covering a distance of 1,016 lineal feet. All bridle paths had been so thoroughly overhauled during the season of 1894 that extensive repairs were nowhere needed.

DRAINAGE.

Under this head every season sees some permanent improvement made. During May complaint was made that offensive odors issued from the sewer inlets at the junction of Lennox street with the park through our eighteen-inch drain, which extends into the city sewer on North avenue. A brick trap was designed and built in the park at the junction of the iron and terra cotta pipes which form the eighteen-inch drain. It was finished in June and has effectually remedied the evil.

About March 27 we took hold of the old pipe-line in the valley back of the pump-house, where we had left off the season before, and finished everything up by April 3. We now have two lines of pipe down this valley—one so arranged as to relieve the other in case of unusual floods. A large amount of hot water from the condensers in the pump-house is constantly flowing through these pipes. The total cost of the improved drainage down the valley was $1,126.57, one-half of which the Water Board assumed by previous agreement and paid in May last.

On September 6 an unusually heavy storm of wind and

rain occurred, doing much damage to roads and paths in the park. At the junction of Newington avenue with Latrobe avenue the gravel was brought down hill from the unpaved surface of Newington avenue in such quantities by the rain as to choke the sewer inlets at the park line, and by causing settlements, crushed the terra cotta pipe connecting the inlets with the sewer or culvert which occupies the bed of an old ravine, and lies very deep at this point. Having no outlet, the water rushed into the park in torrents, flowed down Latrobe avenue, and swept the surface clean of top dressing almost to the Mount Royal gate. Repairing damage was a tedious work, but was so done as to avoid future trouble as far as possible, although we will never be safe at this point until Newington and Park avenues are paved and guttered. Iron twenty-inch test-pipe was substituted for the crushed terra cotta eighteen-inch, and set in a stone cradle; also, all the connections were changed to a much better style. This accident and its repair cost $352, whilst the damage to Latrobe avenue was $348 more—total, $700 at this point. The total damage to the entire park by the storm, I estimate to have been over $2,000, based upon the labor required to repair damages. A number of minor items of drainage were arranged and perfected during the season, as at the new upper gate, the office building and the entrance on Druid Hill avenue.

The list of drain-pipe laid is as follows:

20-inch	cast iron test-pipe	31 feet.
12 "	terra cotta pipe	36 "
8 "	" " "	207 "
6 "	" " "	399 "
2 "	" " "	15 "

As to surface gutters, we have laid:

Of new stone gutter	1,257 lineal feet.
Of new brick gutter	860 " "

Of course, the usual amount of repairing and relaying was done from time to time, as severe storms made occasion.

BUILDINGS.

The new public closets in the rear of the office building, which were begun in December, 1894, remained unfinished and covered with canvas until February 22, when work was resumed and carried along until they were completed on

April 19. On April 11 the urinal was begun and finished May 11. The cement pavement was then laid and the fencing put up. They were opened to the public about May 25, and have given entire satisfaction; no repairs have been made, and with the mercury down to 4°, there has been no freezing. This is due to the automatic syphon tanks, which discharge about every two minutes and admit of no standing water. Very little ice is seen anywhere, although the closets are in the open air. I doubt if any park in the United States has public closets equal to them in comfort and efficiency; the only wood about them is in the doors and seats, and the drainage is perfect. Of course, all public closets require constant care, and this they have.

The extension of the women's closet at the Traction terminus was begun June 20, and finished July 10. There are now six stalls, instead of two, as before. The closets themselves, and the flushing apparatus, are identical with those just described at the office building, but the house is much plainer in material and finish; the floor is of cement and is well drained. The closets act perfectly well, and we have no trouble with them.

The new wing to the repair shop was begun in the latter part of September, and owing to the peculiar formation of the old building, was in the main completed before the old building was opened into it. This enabled us to keep the storeroom and shop closed during construction. The work was finally completed in November, and gives us every facility for repairs and painting, as well as a stable for the steam-roller, a coal-bin and tool-room.

MASONRY.

The reconstruction of the support wall around the boat lake began in 1894, in connection with the cleaning of the lake; was resumed on March 27, and finally completed on April 15. The old wall had no foundation, and was laid dry. In the course of time it had become ruinous and was falling down. It was rebuilt in cement mortar and carried below the frost line. Some useless bends in it were taken out. All the old stone was used, supplemented with some new.

During March the Bull Fountain was removed from the Mansion lawn, and, with its marble base, carried to the new site in the gate-house hollow. This permitted the removal of the immense basin, with its piping, from the lawn. The

new basin had been prepared in the meantime to receive the fountain, and by April 15 it was completed. The change in locality is an advantage in every way. The Mansion lawn is now unbroken by artificial constructions, and the fountain looks very well in the garden plat below the driveway.

The Rippel Fountain, having been presented to the city, it was shaped up for its new position, the site being selected against the Druid Lake embankment. The foundation was put in June 15, and the fountain set up and everything finished about July 2. It is a very convenient watering-place for the public, especially bicyclists.

FENCES.

The boundary fences have had little done to them during the year, excepting ordinary repairs, which are attended to every Monday morning by our second carpenter. This was very much needed, owing to the fact that during 1894 we built 1,991 lineal feet of new fence along the Northern Central Railway, which was the oldest and most decayed of our inclosures. During April a substantial guard fence was erected along the brink of the Prospect Hill Quarry, to prevent accidents.

A heavy hand-rail was erected in May along the steep path leading down the eastern slope of the Druid Lake embankment, which was much needed.

All interior fences were kept in order.

PAINTING.

The two painters have been kept busy during the entire season. In March the front portico of the Mansion was painted, quite an extensive job. This was followed by the local Superintendent's house. The roofs of all shelters and gate-houses have been painted; also the roof of the music pagoda, park benches, fences, and very many small items have gone to make up the year's work. At present they are fully engaged in repainting our rolling stock as fast as it is repaired.

GARDENING.

The work in this department has been actively carried on during the year, and between the palm-house, propagating-house, nursery, shrubbery, flower beds and young trees the men have been kept very busy. The beds along Latrobe

avenue have much improved through cultivation and enrichment, and never were as handsome as during this season. The advantages of mounding them up is, I think, apparent.

The palm-house has been in excellent condition, and constant thinning has to be resorted to, to give the plants room to grow.

The propagating-house and nursery are in good order, and all routine work faithfully attended to. An estimate for the automatic control of the furnace fires at night in the palm-house was made by the Compton Electric Service Company; but, as our watchman is never over two hours away, and we have never had an accident yet, it was justly considered hardly worth while to spend the money. During the coldest weather no difficulty has ever been experienced in keeping up the proper temperature, either in the palm-house or propagating-house, the former being a hot-water apparatus, the latter a simple terra cotta smoke-pipe, which makes the circuit of the house. During November, in compliance with the instruction of the Commission, additional evergreens were planted at vacant places in the grove around the Rogers' burial ground. The planting of water lilies and nelumbiums in the old fish ponds was tried successfully. The nelumbiums, however, take such complete possession that their growth will be much curtailed next season. The variety of coloring and beauty of the water lilies makes them very desirable.

SUNDRIES.

Cleaning Out Boat Lake.—On March 27 the work of cleaning out the boat lake was resumed and finished April 15, resulting in a clean, rotten rock bottom. The thickness of the material varied from twelve to eight inches, and was of a thick gelatinous character. The result was 4,000 cubic yards of excellent soil, which was dumped near the sheepfold and dosed with slacked lime. It was tested in the propagating-house with excellent results, and has since been used extensively in all planting operations.

The Rotten Rock Quarry at Prospect Hill has been worked from time to time during the year as material was needed. With the contemplated acquisition of the property near, it will be ample for many years to come. This is an important matter, as outside sources are failing us for cheap road metal.

The Flag-pole ordered by the Commission was set up June 7. It is 110 feet high above ground, surmounted by a revolving eagle, and is undoubtedly the handsomest flag-pole in the city. It was very carefully planted—buried in broken stone—and is thoroughly protected from the weather at its base.

Sand-traps.—Early in May we constructed a large masonry sand-trap in the ravine just below the Pimlico road, which leads to Edmond's Well. The washings from the road were filling up the ravine and destroying the drainage. We now have three of these sand-traps, which yield many cubic yards of sand per annum, and prevent the filling up of the boat lake, all sand caught being excellent paving material. During May the shores of the boat lake were finally adjusted to the new wall and resodded.

The Washington Statue was finally erected on the Pratt pedestal in July. It is a substantial piece of work and well executed, of Woodstock granite.

Colored Restaurant.—During July, in accordance with the orders of the Commission, the old office at the Mansion was thoroughly renovated, connected with the kitchen department, and a new entrance made for the use of the colored people, but for some reason it has never been patronized by them to any extent.

The Zoo.—The show animals and birds have remained in good condition during the year, and the losses have been small. We have a healthy lot of Capuchin monkeys on hand, which seem to be the hardiest of the monkey tribe. The birds are always attractive and keep well. The bears are in fine condition. The entire show is small, but of great attraction to the children.

The Maryland Building.—The collections in this building are in good order, and have been well kept. The summer visitors are numerous, the beautiful collection of stuffed birds being especially attractive.

The Repair Shop has been actively engaged all the year in keeping tools and rolling stock in order, in addition to which we have rebuilt three carts entirely, using such irons as were of value in their reconstruction.

Pumps and Wells.—All pumps have been put in order, and such wells as needed it cleaned out and deepened. The well near the office and the one at Fulton-avenue entrance have been deepened about thirteen feet.

Electric Lighting.—In June all the incandescent lamps were

cut in on the West Woodberry path and Clipper path for the first time since the destruction of the Brush Electric Company's power-house, in October, 1893, this line having first been put in thorough order by the company. Pending the making of a contract with some electric light company for park lights, the Brush Electric Company removed all the old arc-lamps in the park, and replaced them with new ones, much to the benefit of the lighting. On July 1 a contract was made for two years with the Brush Electric Company, they being the lowest bidders, since which the lighting has been thoroughly satisfactory.

It having been decided by the Commission to increase the number of electric lights in the park, and the positions being selected, the lamp-poles which we had on hand were put up, and preparations made to extend the cable to those around the lake. Advantage was taken of this to replace the decayed underground trough with the new creosoted conduits, of which 1,800 feet of single duct were laid, and 1,500 feet of double duct, furnished by Eppinger & Russell, of New York. This duct was highly recommended by the Electric Engineer of the City of Philadelphia, and being in halves, did not require the taking up and drawing of the cable.

In August all the new lamps ordered were cut in—18 arc and 11 incandescent—adding greatly to the attractiveness and convenience of the driveways and paths.

On the night of November 14, by order of the Commission, the track of the Citizens' Railroad, which was laid into the park in 1887, and had been cut off and abandoned since 1889, was taken in hand and by 3 P.M. the next day the iron had been all removed and piled. The cross-ties were then dug up and the road-bed levelled off for such future use as may be decided on. The length of this park branch was 2,900 lineal feet.

Sheep.—On December 31 the Southdown flock contained 152 sheep—31 bucks, 121 ewes. Last year the demand was small, as is always the case during financial depression. In prosperous years we cannot supply the demand. This year we will require the importation of a fresh English buck, to prevent in-breeding.

Hay Crop.—This to us important crop was heavy, and according to Captain Cassell's estimate, we harvested 140 tons, more or less.

Picnics.—The number of permits issued was 356; for base-

ball, 481. For 1894 the figures were respectively 689 and 809. This proves to what an extent the newly-opened suburban resorts and rapid transit lines have supplied the demand for places of recreation They have also relieved the parks of many bad characters.

Arrests.—The number of arrests during the year was 25—paid fines, 13; dismissed, 6; committed, 6. The police arrangements have been entirely satisfactory during the year, but we have been much embarrassed by the difficulty of obtaining convictions, even where the offense had been repeated. As fast driving is the most frequent transgression, so is it most difficult to obtain convictions on account of it.

In concluding this report on Druid Hill Park, I beg leave to remark that our weakest point now is the water supply. Many hours are wasted every season in filling watering wagons on the high levels, whilst in case of fire at the Mansion, or barn, or stone-house, we would be almost reduced to the bucket brigade. Looking forward to the concentration of all farm buildings at the sheepfold, we would need an abundance of water there also.

Patterson Park and Extension.

(106 *Acres.*)

ENTRANCES.

It having been decided to place a keeper at the Gough-street entrance, a gate-house was put up, and on the 12th of May the new keeper, John Farrell, was installed, no other changes at entrances having been made during the year.

DRIVEWAYS.

The breaking of stone for the new driveway on the extension, between Baltimore street and Eastern avenue, was resumed in January on the Canton property, and continued through February and at intervals until August 1, when a competent force was put to work to extend the construction and macadamizing of the said driveway south; this work was continued until December 14, when weather stopped further progress. The amount of road completed was 5,000 square yards. The road-bed was first carefully graded, then 6 inches of park stone put on and rolled, followed by a wear-

ing surface of 3 inches of blue limestone, the whole making when rolled from 7 to 8 inches of consolidated metal. The construction of the road carried with it the laying of the gutters, and the shaping and sodding of the borders on either side.

In July 550 square yards of macadam were laid inside the Gough-street gate, to correct a very wet and boggy spot in the road. It has been entirely effectual.

FOOTWAYS.

During March 300 lineal feet of footway, 8 feet wide, were finished between the esplanade and Baltimore street in the extension. In June the brick pavement on Baltimore street, adjoining the park, was extended from the eastern line of the old park to the new Baltimore-street gate in the extension, a distance of 414 lineal feet, 14 feet wide, making 644 square yards. A small amount of brick pavement was also laid at Gough-street entrance. During June we also constructed 1,100 lineal feet of gravelled footway, 8 feet wide, from the esplanade to Eastern avenue, all in the extension.

Other miscellaneous items of new footway were made, including 200 feet, 6 feet wide, from fountain to stable, not to speak of repairs to the older walks from time to time, especially after the heavy storm in September.

DRAINAGE.

A great deal of drainage has been executed during the year, both underground and surface. As the main driveway on the extension was extended south, the gutter inlets and pipes to the sewers were laid. The first important work done was at the northeast end of the new lake in July, where we had always been troubled with water. Inlets were built and piping laid to connect with last year's work, which ended nearby. As we approached Eastern avenue with the new road in August, we encountered the large body of water that comes all the way from Highlandtown, and for which an open drain had been provided. Here we laid 754 lineal feet of 18-inch terra cotta pipe, with No. 1 inlets, reaching from our extreme boundary to the Harris Creek sewer. The ground through which this 18-inch pipe was laid was so full of springs in places that we had to lay 2-inch pipe in the bottoms of the trenches to carry off the springs.

To connect the drainage of the new road with this line, we

laid 262 lineal feet of 12-inch pipe and 50 feet of 10-inch pipe with four No. 1 inlets. This was done in September. In October we took up a bad piece of drainage already existing between the conservatory and the boat lake in the old park. It was entirely rearranged with 185 lineal feet of 12-inch pipe, 150 lineal feet of 10-inch pipe and 4 new inlets. Sundry sections of pipe were laid from time to time, 6 inches and 4 inches in diameter.

The new surface drainage was all laid in connection with the new driveway on the extension, there being a fine brick gutter laid on each side of the macadam. The amount of the work was 4,492 lineal feet.

To sum up, there was laid during the year:

18-inch terra cotta pipe	754	lineal	feet.
12 " " " "	492	"	"
10 " " " "	200	"	"
6 " " " "	120	"	"
4 " " " "	105	"	"
Total	1,676	"	"
Of new brick guttering	4,492	"	"

Inlets built—No. 1, 11; No. 2, 6.

All drainage was constructed with an eye to its permanence.

BUILDINGS.

During January we were fully occupied in building the new blacksmith shop and property shed, in connection with the permanent improvements and new entrance in the southwest corner of the extension. They were completed during the month, and all work was done by our own hands.

In May the new gate-house was put at Gough-street entrance by contract. In July the old potting-shed, which was thoroughly rotten, was removed and rebuilt with the adjoining wing of the propagating-house. This work was all finished in August, and we now have a substantial, well-built and modern house. The heating flue, which had always been too small, was enlarged and given a better grade, to its great benefit.

The construction of a new hot-bed, 100 feet long by 6 feet wide, must not be omitted here, as it has added very much to the capacity of the nursery.

The entire group of propagating-houses at Patterson Park, excepting one wing, have now been rebuilt, and a new

one added during the past three years; done gradually, the outlay has been small in any one season. The old ice-cream saloon was taken in hand during June—woodwork put in shape and painted, walls scraped and papered, and floors stained; a large sink or tub put in for washing infants, and the room finished as a place of public comfort for mothers and infants. It has been duly appreciated.

SUNDRIES.

Graduation.—On April 22 all hands on the extension were put to work closing the gap in the terraces at the northeast end of the lake, which had been left open for the transportation of material by rail. The track was removed and the terraces made with carts. The work was completed—sodded, guttered and drained—in July, much to the improvement of the extension. During March and April the southwestern corner of the extension was graded, soiled and seeded, or sodded; walks were made, trees transplanted, and the entire section put in shape preparatory to the fencing in of the property yard and putting up the buildings named earlier in this report. This has been a particularly rough piece of ground, but it is now in neat and attractive shape.

The filling in, grading and laying off of the baseball grounds was a two months' job with a considerable force, but has given much pleasure to the lovers of the game. It was opened June 1 to players by permit.

The making up of the south terraces, which now constitute the only unfinished portion of the extension, has been pushed with the car force as rapidly as circumstances permitted. On December 14 the low condition of the special appropriation caused the suspension of the work and the discharge of the extension force. Since then, whenever the regular force in the old park had a little time, the men were employed in breaking stone for the new road.

Ice.—As the winter was a severe one, the care of the lakes and the skaters took much time. No accident happened to mar the pleasure. The ice-house was filled with six-inch ice in January.

Electric Lights.—Four new arc-lights were placed in the extension during April. The electric lighting has given entire satisfaction during the year.

Painting.—The observatory, local superintendent's house and the house of comfort were painted by contract. All

other buildings, fences, gates, vases, etc., needing it, have been painted by our own hands. The eastern fence, originally placed at the foot of the slope near Baltimore street to protect the sod, was moved to the summit of the slope, and placed on the true park line. This make the fence continuous from Baltimore street to Eastern avenue. Several walks were dressed with limestone siftings, to prevent wash.

One new watering wagon was purchased during the year. The usual amount of repairing to roofs, spouts and house gutters has been done during the year, and all property may be said to be in excellent order. One gate-keeper died during the year, and has been replaced. Many benches have been anchored during the year in the margins of plats to prevent their being pulled about, to the destruction of the grass.

Gardening.—This department, owing to our increased facilities, has been very active during the year. Propagation of plants for next season is well advanced, and with the additional house room and hot-beds, we will be able to contribute more largely to the smaller parks. The nursery is filled with healthy plants and shrubs for setting out, and large drafts have been made on the stock during the year to replace worn-out clumps, and plant new ones in Patterson and other parks. All dead trees have been replaced with fresh stock. The conservatory has been in a flourishing condition during the year, the only trouble being the growth of the plants, which fill the central dome with a solid mass. We could really equip another conservatory from the surplus. The product of our propagating-houses and hot-beds was over 100,000 plants for bedding purposes in Patterson and other parks. Very few plants are purchased now.

Arrests During the Year.—One, indecent conduct; committed in default.

Before closing, it is well to state that the extension of buildings of excellent quality out Baltimore street has been rapid, and includes the erection of a Catholic church opposite to extension. The proximity of the park is directly responsible for this, and the building will no doubt extend rapidly to the limit of the asphalt paving. Even Eastern avenue, which is in a wretched and unpaved condition, is building up, and I am convinced that as soon as Patuxent street, our eastern boundary, is paved, the whole area will be built up rapidly—every park becomes a nucleus of improve-

ment. I would call attention to the small number of arrests during the year.

Federal Hill Park.

(8.25 *Acres.*)

The work in this park during the year past has been principally routine. Whilst we have not suffered from any of the severe settlements peculiar to the hill for several years past, there is always a slow subsidence going on in spots due to caverns in the base. A number of these settlements have been levelled up during the year and resodded. One new walk was made to the Armistead Monument, 107 feet long by 7 feet wide, and paved with asphalt blocks. A flight of granite steps was built during March, leading from the pavement to the west entrance, replacing a decayed wooden flight. Six new park benches were sent to Federal Hill from Druid Hill Park in June, to supply a vacancy on the water-front. Some new guard-rail was put up, and all guard-rails and benches were painted. The autumn work has consisted in spading up beds, trimming hedges, etc. The park is in excellent order, and is much resorted to in the summer time. The excellent panorama of the city and harbor is very attractive. The full summer force employed on the park when the grass is heavy, and there is an immense area of grass, is from four to five men per day, average; at the close of the season only one keeper is retained.

Riverside Park.

(17.28 *Acres.*)

Whilst the principal work during the year past has been routine, a good deal of solid improvement has been affected in various ways.

Many of the footways had become denuded of gravel, exposing rough stone in many places. These were all dug up, the stones removed and surface renewed. Amount of walks remade, 2,134 square yards.

Brick pavement was laid around the women's closet and approaches—56 square yards. New brick gutters were laid in many places which were sorely in need of drainage, amounting in the aggregate to 2,654 lineal feet. The drainage was rectified in connection with the new gutters, and required the laying of 90 feet of 6-inch and 10-inch terra cotta pipe, with four new inlets.

Painting.—All closets have been painted, also 475 park benches. Most of the benches have this season been anchored on the margins of plats under the trees, thus relieving the interior of the plats and preventing the constant dragging of benches from point to point.

Riverside has been kept in excellent order during the season, and the flower-beds around the fountain have been remarkably fine; the fountain itself is probably the handsomest in any of the public parks.

I would recommend that the permit to sell soft drinks and eatables given Mrs. Clark last year be withheld in the future. Mr. Clark, the local superintendent, reports great carelessness in the observatory room at Federal Hill, and I can testify to its dirty and unkempt condition, whilst at Riverside she has a most unsightly open booth, which the boys have made a nuisance of.

Johnston Park.

(2.58 *Acres*.)

During January and February the severity of the winter kept the local superintendent busy cleaning off snow and opening gutters and drains. In March work was resumed on the grass-plats, to dig up and sift them from weedy grasses. This was completed in April, and the lawns resown with fresh seed and land plaster. The result was all that could be desired.

In August the paving of the Valley-street footway was ordered and begun, and was finished in September. It was paved with asphalt blocks; amount laid, 248.4 square yards. A few more blocks were laid on the McKim-street footway, making up a total of 295.02 square yards for the whole park. Some little drain-pipe was laid during the year, to relieve a portion of the upper lawn of water. All other work has been routine, including replanting dead trees and shrubs, trimming hedges and general gardening. The twenty-two entrance vases were painted. Ground bone and plaster were used with excellent effect on the grass.

This little park is one of the most attractive in the city, and is well cared for. It requires about two men, in addition to the local superintendent, to keep it in order during the grass-growing season. An experiment was made during the year with plate iron sign-boards; the wooden boards had been either knocked to pieces by boys, or had rotted off

The iron sign-boards cost from 87 cents to $1 each, according to size. They have proved excellent and indestructible.

Mount Royal Terraces.

(2 *Acres.*)

As in the other small city parks surrounded by brick pavements, the snow cleaning during such a winter as that of 1894 and 1895 was an important item at the terraces, and fully occupied the local superintendent. In March general work was begun, and the repairing of damages carried on actively. As the severe frost had destroyed our water-supply pipes in two places, this was one of our first cares, and a troublesome one, as the earth was deeply frozen everywhere. After slopes and walks had been put in order, special care was given to the preparation of the summer beds for planting. Between 9,000 and 10,000 plants were set out in these beds, making a handsome show. These plants were furnished exclusively from the Druid Hill and Patterson Park propagating-houses. Some changes were made in the rose-beds, and a plantation of crape myrtle set out in the eastern terrace. The difficulty of keeping the crossing of Mount Royal avenue clean, owing to the dust carried from the unpaved bed of the street, suggested the use of the city plugs near by with 3-inch hose to wash off the crossings. This proved entirely successful. Gas was introduced into the local superintendent's house during the year for heating purposes, and the coal stove removed. The unpaved condition of Mount Royal avenue so covers everything with dust in the summer time that our flower-beds and hedges are coated all over; even daily washing cannot keep these terraces clean.

Collington Park.

(5.14 *Acres.*)

This park remained in the care of the one man who had looked after it for some past until June 24, when Andrew Dennert, one of the Patterson Park gardeners, was made local superintendent and placed in charge. In July a keeper's house and tool-house were put up. As the city had taken hold of the grading and paving of Patterson Park avenue on the east, and was preparing to grade Preston street on the south, thus establishing the grade to which the

park should conform, it was decided to resume construction. As we needed a good deal of filling, permission was obtained from the City Commissioner to remove the material from the bed of Preston street. To this end a force of 11 men and 4 carts was put to work on August 12 and continued until December 21, when the work of rough filling being substantially finished, it was disbanded for the winter. Since then the contractor for opening the street has sent us more or less material. A great deal of settlement will take place in this fill during the winter, and it would not be safe to grade, soil and sow until next summer or fall. The finished portion of the park has been kept in excellent order, including grass and trees. No attempt at walks has been made, as it was hardly justifiable, everything was so unfinished, and when the paths are cut we will need the sod taken up for the slopes now being made. As is always the case, house-building is going on rapidly, and the circuit will soon be complete around the park. The houses are of fairly good character, although small.

Carroll Park.

(35.72 *Acres.*)

Very good progress has been made in this park in every way during the past year, especially in regard to the filling in of the extension; unlooked-for circumstances have favored this work so that it has been carried on with great economy. During January, February and March such work as could be done with the moderate force of six men and one cart was accomplished. A good sand bank was formed in the extension and as much sand extracted from it as possible for future use. The lawn in the southwestern corner of the old park was graded and prepared for soil and seed in April. In February, Knecht & Son, brickmakers, removed all of their belongings from the extension, as per contract, which left the property clear for our purposes. During April the force was increased to twelve men and two hired carts, and put to work on the Wilkens' property, just north of Monroe-street bridge, which gave us excellent material for filling in the extension. This material cost from 20 to 22 cents per cubic yard deposited. In June a contract was made with Patrick Walsh for 10,000 cubic yards at 13 cents per yard; this also was excellent material, much of it being

soil. In the meantime we had benefitted largely by city ashes, which were used to fill in the deep clay pits. They were, however, diverted ultimately to Carey-street sewer extension. We then contracted for rough stuff, good enough for bottom filling, with various parties at 5 cents per load, at which price the bulk of the work was done on the extension during the year. This rough stuff will have to be topped off, of course, with a much better class of material fit for sub-soil and the growth of trees. The extension now presents an entirely new face; all brick-clay pits have disappeared, and most of the surface is not over three feet below finished grade, whilst a good bit of it is ready for soil.

Amounts of material deposited on the extension during the year are as below:

Good material, by park forces	35,000	cubic yards.
" " " Patrick Walsh	10,162	" "
Rough " " C. Kerns	22,091	" "
" " " Bresnan	8,304	" "
Total	75,557	" "

Average cost per cubic yard, 13 cents.

In connection with the filling of the extension, all pipe lines from the old park had to be extended south towards the east and west drain in the valley below. The amount of pipe laid of 6-inch, 8-inch, 10-inch and 12-inch diameter was 1,353 lineal feet.

In May the entire surface of the old park was finished by the completion of the southwestern lawn. During June the steep footway south from the Mansion was paved with brick, and during July the plat around the great elms was terraced and made a pleasant resting-place, with park benches in plenty. A great deal of sodding and seeding of lawns and slopes have been done, with other bits of work here and there. The following list covers all important items:

Earth deposited in extension, cubic yards	75,557
Soil delivered and piled for use, cubic yards	4,200
Sand and gravel " " " " "	1,325
Sodding done, square yards	1,927
Brick gutters laid, lineal feet	1,197
Drain wells built	9
Terra cotta drain-pipe laid, lineal feet	1,353
Brick paving done, square yards	607
Roadway gravelled and guttered, lineal feet	400

GARDENING.

This department has been actively at work during the entire year. During the early spring propagating went on rapidly. In February the local superintendent obtained some valuable plants from government nurseries at Washington. During April the north boundary, next the Baltimore and Ohio Railroad, was hedged with California privet. During May 31,000 bedding plants were set out in 23 beds and 13 vases. We were also during the month the beneficiaries of the Baltimore Cactus Society, which loaned us 800 plants to set out. Many of these bloomed magnificently during the season. During the months of July and August the display of foliage of plants, flowers, etc., was very beautiful, with comparatively few to enjoy it. The nursery is now full of specimens of plants, shrubs and trees in 1,660 varieties, many of them rare. The propagating-house is also well filled. Carroll will always be a garden park, with its formal terraces and old Mansion. There were 268 trees set out during the season and 37 flowering shrubs.

On August 24 eight electric arc-lamps having been installed, the current was turned on, much to the advantage of the place and its attractiveness at night. The service has been excellent. Four of these lamps were cut out on November 1, as not being needed during the winter season.

The grading of Monroe and Gunpowder streets, forming the western and eastern boundaries to Carroll Park, will very much improve the present state of affairs and lead to building improvements, although the inaccessibility of the park will remain until the brick-yards are banished and the whole district built up. I would like to see the new wings erected to the Mansion during 1896, and hope the Commission will find their resources equal to the occasion. The present kitchen wing is an eye-sore. One new wing, if not both, would be a relief.

Clifton Park.

(252.9 *Acres.*)

Clifton Park passed into the hands of the Public Park Commission on August 1, 1895, and Mr. D. C. Johnson, the resident official in charge of the property for the trustees of the Johns Hopkins University, was appointed acting local superintendent pending the final action of the Commission. In accordance with my instruction, I examined the property

carefully, had an accurate inventory made, and proceeded to clean up and put the grounds, etc., in order. As a considerable amount of ground, some thirty or forty acres, had been farmed, there was a growing crop in the place which required attention, and later on harvesting. The place had been neglected for so long a time that our small force of from four to eight men, and three horses, has been actively employed to the end of the year in doing what was absolutely necessary. The Mansion was thoroughly cleaned from garret to cellar, where much rubbish had accumulated; the roof was made water-tight, and the gutters and spouting put in repair. The woods were cleared of wild growth, stumps, dead limbs and trees. Three wells, formerly in use, were cleaned out and found in excellent condition, with ample water. Twenty-six acres of corn were harvested and stored for use; nineteen acres were ploughed up and put in rye, preparatory to sowing grass eventually. All interior fences to fields were taken down, to be used for patching. A temporary public closet was put up near the ball-ground in the woods, to take the place of a very dilapidated affair which stood out in the open air. The chicken-house, a building 20x20 feet, has been turned into a workshop, and answers the purpose very well.

During October the Commission decided to paint and put in order the exterior of the Mansion, also to place two hot-air furnaces in the cellar to keep the building dry. The heating apparatus was completed early in December, and has proved satisfactory. The painters began work in November, and have been busily engaged ever since, with the probability of an early conclusion. The work has been faithfully done. All woodwork has been repaired thoroughly, pertaining to the exterior of the Mansion, by a competent house carpenter. The amount of decay was very large. This was all done in time for the painters. Our force is still engaged in grubbing stumps and cleaning out the thickets which surround Mr. Fowler's residence, which work he had not attended to for years.

On December 24, at 7 A.M., the barn took fire from some unexplained cause and was destroyed, with its contents, consisting of the principal portion of the rye crop.

The condition of the property now is as follows: Exterior of Mansion thoroughly repaired and painted; interior dry and comfortable, but much out of repair as to walls, mantels, etc.

The other house property on the estate is in fairly good condition all over. The grounds and woods have been, or soon will be, entirely cleaned of stumps, dead trees and wild growth. The exterior inclosure is very defective, and some of the gates are gone entirely. The property-holders abutting on the south line are trespassing, anywhere from two to fifteen feet, with their fences. When a fence falls we prop it up, but no extensive repairs have been attempted. It would be well, if possible, to sell the twenty acres south of the Baltimore and Ohio Railroad, as it is useless as a park, being entirely isolated from the main body of the property. In response to a resolution passed in October plans for the improvement of the grounds immediately around the Mansion were made and submitted.

The question of a water supply at Clifton is one of easy solution—for cool drinking water three good wells exist, and more can be dug.

In addition to this there are seven flowing springs, not all equally strong, but all available. For other or any purposes the city water, with good pressure, can be had at any point by simple pipe laying. The Mansion, the local superintendent's house, and one other house are provided with rain-water cisterns. The number of persons using Clifton as a park has been very small since its acquisition; indeed, it would seem as if the withdrawal of the Johns Hopkins students from the ball-ground had kept away the few that did come. It is in many respects a beautiful piece of property, and capable of great improvement. Its system of driveways can be readily connected with Montebello Lake by a short tunnel under the Harford road, thus increasing the driving capacity of the park immensely. The Baltimore and Ohio Railroad has undoubtedly done it a great damage in cutting through its southern portion with an immense embankment. Much can be done, however, to hide and embellish this drawback by proper planting.

It may be of interest to state the cost per acre to carry on and maintain each of the public parks in the hands of the Commission for the year 1895:

Druid Hill Park,	671.21	acres;	cost	per	acre,	$167.00
Patterson	" 106.00	"	"	"	"	308.00
Carroll	" 35.72	"	"	"	"	627.00
Collington	" 5.14	"	"	"	"	633.00
Federal Hill	" 8.25	"	"	"	"	320.00
Riverside	" 17.28	"	"	"	"	300.00
Johnston	" 2.58	"	"	"	"	815.00
Mount Royal	" 2.00	"	"	"	"	759.00

The above table is not given as an index of the cost of *maintenance alone* in all cases, as it includes in some of the parks a great deal of original construction. Of course, the larger the park the less the cost per acre, as the work is generally concentrated in the ornamental areas and garden spots, whilst the woodland receives little attention, as at Druid Hill particularly. In Patterson Park the cost is naturally greater. As instances of simple maintenance, I refer you to Federal Hill and Riverside Parks. Mount Royal and Johnston Parks are also cases of simple maintenance, although some new work was done at Johnston Park. I therefore estimate that city parks containing from 10 to 20 acres will cost to *maintain alone* about $300 per acre, and that city squares containing from 2 to 3 acres, which is the usual range, will cost for *maintenance alone* about $750 per acre. For any constructive work special allowance must be made. As this embodies our experience, it may be of useful application in estimating the proper appropriation for other city squares.

I take great pleasure in testifying to the faithfulness and intelligence of the different lecal superintendents in the employment of your honorable Commission, also of my own immediate assistant.

Respectfully submitted,

C. H. LATROBE,

General Superintendent and Engineer.

INVENTORY OF PROPERTY.

DRUID HILL PARK.

BUILDINGS.

Local superintendent's dwelling,
Office for park officials,
Mansion House,
Stone dwelling,
Palm-house,
Propagating-house,
Maryland Building,
Repair shop,
Hatching-house (fish),
Filtering-house (fish),
13 picnic shelters,
Sheep and mule shelter,
Barn,
Wagon shed,
Camel stable,
Monkey and bird-house,
Lumber shed,
9 gate-houses,
2 keeper's houses,
18 water closets.

STONE-CRUSHING PLANT.

Engine-house and platform containing:

1 upright boiler,
1 stone-crusher and revolving screen,
1 horizontal engine,
1 elevating inclined plane,
Fire tools, engine tools and belting.

LIVE STOCK.

17 mules,
10 horses.

SOUTHDOWN FLOCK.

173 sheep.

SHOW ANIMALS.

3 macaws,
10 cockatoos,
4 parrots,
10 paroquets,
15 mixed birds,
3 toucans,
5 magpies,
1 pheasant,
1 Central American turkey,
1 owl.
1 brant,
3 wild geese,
4 swans,
14 Pekin ducks,
10 monkeys,
1 ant bear,
1 lemur,
3 ferrets,
1 badger,
2 wolves,
6 raccoons,
9 rabbits,
27 prairie dogs,
2 bears,
3 ground hogs,
4 camels.

ROLLING STOCK.

11 watering wagons,
1 lumber wagon,
2 express wagons,
19 carts,
1 water cart,
2 two-horse rollers,
2 hay rakes,
1 dray,
1 top buggy,
1 no-top buggy,
1 jagger,
1 steam roller,
1 one-horse roller,
3 snow plows.

HARNESS AND HORSE FURNITURE.

11 sets double harness,
3 sets single harness,
2 sets double mowing harness,
3 sets single mowing harness,
19 sets cart harness,
12 curry combs and brushes,
3 lap robes,
2 horse blankets.

TOOLS—GARDENING DEPARTMENT.

14 shovels and spades,
8 hatchets, pruners, shears, etc.,
2 two-horse mowers,
6 fire-irons,
200 feet hose,
17 forks, rakes, hoes, etc.,
5 sprinklers,
3 one-horse mowers,
3 hand lawn mowers,
36 miscellaneous.

REPAIR SHOP.

1 set wheelwright's tools,
1 set blacksmith's tools,
1 tire bender,
1 tire shrinker,
1 drill press,
1 set pipe tools,
1 forge,
1 bellows.

GENERAL.

33 rakes,
62 shovels and spades,
22 hoes,
55 forks,
24 wheelbarrows,
3 cross-cut saws,
1,565 park benches,
93 picks,
48 mattocks,
20 stone hammers,
14 axes,
84 fork handles,
33 sundries.

STORES.

20 bars round iron, $\frac{1}{4}$ in. by 16 ft.,
11 bars round iron, $\frac{3}{4}$ in.,
6 bars steel (assorted),
5 kegs nails,
500 feet oak lumber,
226 lengths terra cotta pipe from 24 to 4 in. diameter,
60 lengths iron pipe from 2 to 10 in. diameter,
200 pounds lead,
6 gallons turpentine,
3 gallons cylinder oil,
400 bench slats,
400 fence posts, $2\frac{1}{2}$ by $2\frac{1}{2}$ in. by 4 ft.,
500 fence slats, $\frac{5}{8}$ in. by 16 ft.,
17 electric light poles,
100 wagon and cart spokes,
35 T's,
10 collars,
700 feet steel wire fencing, with fixtures,
15 gallons linseed oil,
2 sets brushes,
250 feet hose,
24 lanterns.

PATTERSON PARK.

BUILDINGS.

Local superintendent's house,
The conservatory,
1 propagating-house,
1 pump-house,
1 wagon shed,
1 blacksmith's house,
5 shelters,
1 water-gate tower,
6 closets,
5 gate-keeper's boxes,
The casino,
The observatory,
1 music pavilion,
1 carpenter shop,
1 stable,
1 tool-house,
1 ice-house,
1 boat-house,
1 fountain pagoda,
1 observatory keeper's box.

LIVE STOCK.

4 horses.

SHOW ANIMALS.

1 pea fowl,
6 white Pekin ducks.

ROLLING STOCK.

1 express wagon,
1 lumber wagon,
1 single-horse water wagon,
1 two-horse watering wagon,
1 jagger,
3 carts,
4 hand rollers,
1 one-horse roller,
1 two-horse roller.

HARNESS AND HORSE FURNITURE.

1 set jagger harness,
1 set wagon harness,
2 sets double harness,
1 riding saddle,
6 blankets,
3 sets cart harness,
2 sets machine harness,
1 riding bridle,
4 horse's halters.

GARDENING DEPARTMENT.

6 plows and cultivators,
4 hand lawn mowers,
13 spades, rakes and forks,
400 feet hose,
4 horse lawn mowers,
1 Champion hay mower,
2 hose carriages,
10 miscellaneous, as per list on file.

TOOLS, ETC.

50 mattocks, picks, hoes, etc.,
8 fire-irons,
18 hatchets, chisels, axes, etc.,
41 shovels,
16 sledges, crowbars, etc.,
1 lot miscellaneous, as per list on file.

MATERIALS.

1 lot terra cotta pipe, different sizes.
¾-inch terra cotta ¼ bends,
⅜-inch terra cotta ¼ bends,
1 lot of old iron, different sizes.
2,500 paving bricks.

FEDERAL HILL PARK.

BUILDINGS.

1 tool-house,
1 outhouse,
1 observatory and pavilion.

TOOLS, ETC.

1 horse lawn mower,
4 wheelbarrows,
4 lengths of hose and reel,
20 chairs,
2 hand lawn mowers,
160 benches,
1 tape-line,
1 lot of miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

RIVERSIDE PARK.

BUILDINGS.

2 pavilions,
2 cart sheds,
2 outhouses.
1 office building,
1 tool-house,
1 stable,
1 wagon shed.

WORK ANIMALS.

2 horses.

ROLLING STOCK AND MACHINERY.

2 one-horse lawn mowers,
1 watering cart,
1 horse roller,
2 hand lawn mowers,
1 express wagon,
1 harrow.

TOOLS, ETC.

513 benches,
2 sections of hose,
20 chairs,
1 set wagon harness,
4 wheelbarrows,
2 stepladders,
2 sets cart harness,
2 sets lawn mower harness,
1 lot of miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

JOHNSTON PARK.

BUILDINGS.

1 keeper's house, with tool-box and fixtures.

TOOLS, ETC.

2 steel wheelbarrows,
5 sections gum hose and reel,
4 scythes and sickles,
5 pruners,
1 iron hand roller,
11 carpenter's tools,
116 park benches,
1 American flag,
2 hand land mowers,
9 shovels and spades,
5 picks and mattocks,
4 rakes,
2 lawn sprinklers,
1 12-foot stepladder,
1 flag-pole,
1 lot miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

MOUNT ROYAL TERRACES.

BUILDINGS.

1 keeper's house,
1 tool-house.

TOOLS, ETC.

1 wheelbarrow,
1 iron hand roller,
4 sections ¾ gum hose, with nozzle,
3 lawn mowers, with extra blades,
8 shovels and spades,
1 sand screen,
1 hose carriage,
1 section 2½ gum hose, with nozzle,
5 pruners,
1 lot miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

COLLINGTON PARK.

BUILDINGS.

1 keeper's house,
1 tool-house.

TOOLS, ETC.

2 hand lawn mowers,
14 shovels,
4 sections gum hose,
1 tape-line,
12 picks,
1 hose reel,
1 wheelbarrow,
1 lot miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

CARROLL PARK.

BUILDINGS.

1 dwelling-house,
1 propagating-house,
1 stable (temporary),
1 pavilion,
1 tool-house,
2 closets.

LIVE STOCK.

1 horse (iron gray).

TOOLS, ETC.

43 shovels and spades,
6 pruners,
1 set cart harness,
1 dirt cart,
1 watering cart,
118 park benches,
1 Continental hand mower,
1 6-foot stepladder,
1 4-section road roller,
1 hand cart and watering barrel,
405 feet ¾ garden hose,
44 picks and mattocks,
1 36-foot extension ladder,
1 set wagon harness,
1 wagon,
20 chairs,
1 Philadelphia horse mower,
2 Pennsylvania hand mowers,
1 10-foot stepladder,
1 small iron roller,
1 No. 3 hose reel,
1 50-foot metallic tape-line,
1 lot miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

CLIFTON PARK.

BUILDINGS.

Mansion House, 26 rooms and 3 closets.
1 farm-house, frame, 3 stories, slate roof, 9 rooms.
1 frame house, 3 stories, 12 rooms.
3 frame greenhouses, 300 feet long in all.
1 gardener's house, brick, 2 stories, 8 rooms, with greenhouse attached.
1 brick greenhouse, 100 feet long.
1 porter's lodge of brick, arched entrance, with 2 rooms on each side.

WORK ANIMALS.

3 horses.

ROLLING STOCK.

1 field roller,
2 4-horse wagons,
1 horse lawn mower,
2 Daytons,
1 garden roller,
1 horse rake,
1 Champion reaper and dropper,
2 carts,
1 hand lawn mower.

TOOLS, ETC.

1 set wagon harness,
8 8-foot benches for ball-ground,
1 set cart harness,
1 extension ladder,
1 lot miscellaneous tools, etc., as per list on file in office of General Superintendent and Engineer.

REPORT OF THE TREASURER.

DRUID HILL PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$57,390 10
Plumbing	771 86
Carpentry	107 37
Sand and gravel	1,153 20
Bricks, stone, etc	8,585 37
Trees, shrubs and plants	292 75
Roofing and spouting	284 24
Cement	669 70
Bricklaying, etc	3,244 22
Coal	1,051 60
Paints and painting	785 97
Lumber	1,167 42
Masonry	2,473 05
Horse feed	2,494 93
Electric lighting	3,682 23
Tools and hardware	466 57
Gas lighting	178 76
Food for show animals	1,034 15
Horseshoeing	490 25
Harness and repairs	162 90
Rubber goods	134 85
Repairing wagons, carts, etc	323 31
Drain-pipe	104 54
Repairing park machinery	175 80
New park machinery	56 75
Stove and iron work	220 39
Cart hire	3,295 60
Iron castings	627 06
Fertilizers	2,417 02
Office expenses	912 01
Public closets	3,778 95
Underground cable	661 26
Office building	1,467 03
Latrobe avenue entrance gate	8,873 62
Miscellaneous	2,728 53
	$112,263 36

PATTERSON PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$24,256 95
Stove and iron work	111 87
Plumbing	304 40
Harness and repairs	28 00
Repairs to park machinery	52 41
Coal	676 25
Horse feed	259 95
Drain-pipe	504 12
Repairs to wagons, carts, etc	32 58
Gas lighting	262 87
Fertilizers	26 20
New wagons, carts, etc	553 29
Roofing and spouting	234 65
Stone, bricks, etc	872 34
Electric lighting	1,615 03
Iron castings	109 62
Rubber goods	6 00
Trees, shrubs and plants	143 75
Lumber	1,037 79
Office expenses	174 22
Paints and painting	252 87
Horseshoeing	57 25
Tools and hardware	129 96
Gate-house	217 45
Cement	86 20
Miscellaneous	655 27
	$32,661 29

CLIFTON PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$2,218 22
Insurance	150 00
Tools and hardware	33 27
Grass seed	34 25
Horse feed	26 56
Lumber	43 22
Cement	1 25
Bricks	22 50
Horse blanket, etc	5 10
	$2,534 37

CARROLL PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$15,402 25
Tools and hardware	314 62
Paints and oils	65 54
Repairing wagon and harness	28 90
Terra cotta pipe	247 04
Flower pots	34 81
Bricks	324 87
Fertilizers	97 80
Horse feed	96 60
Plants	224 23
Coal	135 05
Roofing	34 20
Lumber	126 45
Repairs to vases, etc	61 00
Uniforms	71 70
Soil and sod	2,391 70
Plumbing	44 39
Cement	53 65
Rubber hose	37 30
Iron castings	74 25
Filling material	2,316 03
Electric lighting	83 60
Lamp-posts	120 80
Brass fender	9 75
Miscellaneous	22 95
	$22,419 48

RIVERSIDE PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$4,064 53
Bricks	397 50
Sand	13 50
Horseshoeing	25 25
Horse feed	168 81
Tools and hardware	89 85
Paints and painting	163 44
Lumber	87 39
Ice	87 37
Carpentry	13 65
Repairs to wagon, etc	25 76
Plants	15 00
Cement	13 25
Plumbing	78
	$5,166 08

FEDERAL HILL PARK.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$1,651 08
Paints and oils	21 42
Tools and hardware	53 04
Fertilizers	10 00
Granite steps	515 75
Iron rail	82 00
Cleaning sink	14 00
Plumbing	9 17
Lumber	29 73
Sand	15 00
Plants	5 20
Ice	84 24
Bricks and asphalt blocks	145 00
	$2,635 63

COLLINGTON SQUARE.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$2,941 55
Lumber	29 25
Coal	3 25
Rubber hose	20 25
Tools and hardware	35 07
Fertilizers	7 20
Keeper's house	217 50
	$3,254 07

JOHNSTON SQUARE.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$1,667 15
Fertilizers	7 20
Lumber	5 83
Tools and hardware	31 61
Plants	29 95
Paints and oils	22 50
Plumbing	9 48
Terra cotta pipe	2 82
Coal	7 40
Cement	2 40
Asphalt blocks	303 75
Rubber hose	12 00
	$2,102 09

MOUNT ROYAL TERRACES.

DISBURSEMENTS—YEAR ENDING DECEMBER 31, 1895.

Pay-roll	$1,174 20
Tools and hardware	18 53
Galvanized iron work	18 35
Plumbing	94 61
Paints and oils	17 74
Plants	15 23
Drilling steps	86 00
Rubber hose	41 50
Carpentry	13 10
Bronze castings	13 09
Garden soil	25 75
	$1,518 10

PATTERSON PARK EXTENSION.

STATEMENT—YEAR ENDING DECEMBER 31, 1895.

Receipts.

Balance due Park Board January 1, 1895	$ 539 15
Appropriation	15,000 00
Sale of dump-cars and rails	200 00
	$15,739 15

Disbursements.

Pay-roll	$14,169 42	
Lumber	70 76	
Fertilizers	45 00	
Blasting powder	48 00	
Grass seed	23 50	
Mauls	18 00	
Crushed stone	723 41	
Bricks	131 25	
		$15,229 34
Balance		$509 81

GENERAL STATEMENT.

YEAR ENDING DECEMBER 31, 1895.

Receipts.

Balance due Park Board January 1, 1895	$ 3,490 70
Baltimore City Passenger Railway Company	95,749 63
Baltimore Traction Company	68,785 80
City and Suburban Railway Company	51,543 65
Central Railway Company	14,980 69
Lake Roland Elevated Railway Company	3,107 72
Sales of sheep, Druid Hill Park	406 04
Sales of wood, " " "	38 00
Fines, " " "	50 00
Rent of stone dwelling, Druid Hill Park	483 38
Rent of Mansion " " " "	1,400 00
Privilege of fish propagation, Druid Hill Park	250 00
Sale of wool, " " "	89 78
Sales of old material, " " "	15 80
Sales of deer, " " "	146 25
Swing privilege, " " "	25 00
Sale of collie dog, " " "	25 00
Sale of asphalt blocks, " " "	43 80
Water Board, " " "	563 28
Painting, " " "	6 97
Freight returned, " " "	92
Rent of casino and boating privilege, Patterson Park	375 00
Gas consumed at casino, " "	38 46
Fines, " "	25 00
Sale of tree, " "	3 81
Sales of old material, Carroll Park	2 55
Fines, " "	40 00
Fines at Squares	15 00
Fine, Riverside Park	5 00
Rent of observatory, Federal Hill Park	150 00
Sale of old material, " " "	1 00
Rent of saloon, " " "	15 00
Sales of material, Clifton Park	83 62
Pasture, " "	111 00
Rentals, " "	98 00
	$242,165 85

Disbursements.

Interest on Patterson Park extension and Clifton Park loans...	$10,100 00
Sinking fund	3,222 33
Druid Hill Park	112,263 36
Patterson Park	32,661 29
Clifton Park	2,534 37
Carroll Park	22,419 48
Riverside Park	5,166 08
Federal Hill Park	2,635 63
Collington Square	3,254 07
Johnston Square	2,102 09
Mount Royal Terraces	1,518 10
Ashland Square	135 06
Broadway Squares—first division	2,864 75
" " —second division	1,999 92
" " —third division	2,999 97
Eastern Fountain Square	1,438 15
Eutaw Squares—first division	1,800 00
" " —second division	1,999 99
Franklin Square	1,499 52
Fulton-avenue Squares and Baker Circle	3,499 39
Harlem Park	3,999 63
Jackson Square	1,399 73
Lafayette Square	1,994 06
Madison Square	2,466 00
Mount Royal Squares	2,908 96
Mount Vernon Squares	1,600 00
Park Place Squares	1,495 67
Perkins Spring Square	1,499 90
Taney Place Squares	287 35
Union Square	1,197 91
Wilkens-avenue Squares	2,499 62
Balance	4,703 47
	$242,165 85

Respectfully submitted,

D. RAYHICE, *Treasurer.*

ANNUAL REPORT

—— OF THE ——

CITY COLLECTOR

—— TO THE ——

Mayor and City Council of Baltimore,

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

TAX DEPARTMENT,

CITY COLLECTOR'S OFFICE—CITY HALL,

BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—I have the honor to submit for your inspection the operations of this department for the year ending December 31, 1895, in the first twenty wards of the city, and also in the Twenty-first and Twenty-second Wards:

The amount of money received from all sources during the year, including the Twenty-first and Twenty-second Wards, was $5,795,961.30.

On levy of 1890, present basis, $270,989,102, the total collections have amounted to $99\frac{95}{100}$ per cent.

On levy of 1891, present basis, $274,504,949, the total collections have amounted to $99\frac{95}{100}$ per cent.

On levy of 1892, present basis, $276,576,716, the total collections have amounted to $99\frac{94}{100}$ per cent.

On levy of 1893, present basis, $284,146,219, the total collections have amounted to $99\frac{70}{100}$ per cent.

On levy of 1894, present basis, $289,403,538, the total collections have amounted to $94\frac{44}{100}$ per cent.

On levy of 1895, present basis, $295,065,321, the collections from May to December 31, inclusive, amount to $71\frac{84}{100}$ per cent. Deducting the amount of plant exempt from city taxation, the percentage collected amounts to $72\frac{13}{100}$ per cent.

Table A shows the monthly collections of both city and State, including the Twenty-first and Twenty-second Wards, amounting to $5,795,961.30; of this sum, the city's proportion was $5,296,063.53, and that of the State, $499,897.77.

Table B shows the bases of the several levies on which collections have been made during the past year, with the amounts collected on each levy; also the gross amounts received for opening, closing and widening and for paving streets, etc.

By this table it will be seen that there has been collected on account of taxes in arrears	$1,300,841 57
On account of levy of 1895	3,709,340 26
For opening and closing streets	63,239 44
For paving streets	56,462 06
	$5,129,883 33

Table C shows the rate of tax per one hundred dollars, and the various items of the several levies from 1890 to 1895, inclusive.

Table D is an exhibit of the monthly receipts on the several levies from 1890 to 1895, inclusive; also receipts for opening, closing and widening streets and alleys, and paving streets and alleys.

Table E exhibits the amounts collected during the past year, in accordance with the rates stated in Table C, divided in separate items forming each levy; also the amount of interest received from accounts in arrears, and the amount of discount allowed for the prompt payment of taxes.

Table F shows the bases and the basis collected upon within each year on the levies of the year 1888 to 1895, inclusive, to December 31 of each year; also on the levy of 1895, from date of levy to December 31, 1895, and the levy of 1894 to December 31, 1895.

Table G shows the percentage collected monthly, from January 1, 1895, to May, 1895, on the levy of 1894, and on the levy of 1895 to December 31, 1895, inclusive.

Table H shows the receipts for opening, closing and widening streets and alleys during the year, amounting to $63,239.44.

Table I shows the receipts for paving streets and alleys during the year, amounting to $56,462.06.

Table J shows the total amounts collected, the total bases collected upon during the year 1895 in comparison with the same for the year 1894.

Table K is an exhibit of the bases of taxation realized upon on the levies from the year 1877 to 1892, inclusive, in the first twenty wards of the city.

ANNEX DEPARTMENT—TWENTY-FIRST AND TWENTY-SECOND WARDS.

On the levy of 1889, present basis, $22,400,840, the total collections have amounted to 100 per cent.

On the levy of 1890, present basis, $23,408,336, the collections have amounted to 100 per cent.

On the levy of 1891, present basis, $25,318,299, the collections have amounted to $99\frac{98}{100}$ per cent.

On the levy of 1892, present basis, $27,452,976, the total collections have amounted to $99\frac{41}{100}$ per cent.

On the levy of 1893, present basis, $27,518,892, the total collections have amounted to $99\frac{5}{100}$ per cent.

On the levy of 1894, present basis, $28,577,668, the total collections have amounted to $94\frac{12}{100}$ per cent.

On the levy of 1895, present basis, $31,057,368, the total collections have amounted to $63\frac{21}{100}$ per cent.

Table A shows the amounts of city and State taxes collected during the past year upon the levies of 1891 to 1895, inclusive, amounting to $209,981.16; also the bases upon which such collections were made.

Table B shows the bases of the several levies on which collections have been made during the past year, with the amounts collected on each levy, including the amount of interest received from accounts in arrears, and the amount of discount allowed for prompt payment of taxes.

Table C shows the percentage collected on the present bases of the years 1889 to 1895, inclusive, from the dates of the respective levies to December 31, 1895.

In submitting this report, I beg leave to call your attention to the fact that the current taxes for any given year are practically not in default until on or about the first of February of the succeeding year; for the reason that, by law, the taxpayer is entitled to thirty days' grace after the nominal maturity of his bill, and advantage of this thirty days' grace is taken by many of our largest taxpayers. Of the current taxes for the year 1895, probably not less than $700,000 will be collected in this month of January. This sum, in addition to other taxes due and collectible, will just about offset what is called the "floating debt." The experience of a number of years will show that about 75 per cent. of the current taxes for any given year are collected between May 15 and December 31 of that year, and about 15 per cent. in the month of January, leaving about 10 per cent. absolutely in default. The depression in business circles for the last two years has in some small degree affected our collections, and the many failures, suspensions and retirements from business will, I fear, sensibly affect our basis for the next year or two.

It is but proper that I should report a continued demand on the part of taxpayers for a revaluation and equalization

of assessments, and although many of these complaints are without reasonable foundation, yet there can be no doubt but that there should be a general reassessment as early as practicable.

Experience and observation, however, have convinced me that the City of Baltimore should not be dependent upon the uncertain action of the General Assembly of Maryland in this important matter, and I would earnestly recommend the creation of a Board of Tax Commissioners, selected with the utmost care, and clothed with ample powers, embracing the functions ordinarily entrusted to what has been known as a Board of Control and Review, thoroughly equipped and clothed with autonomy as to its executive staff. As far as practicable it should be a non-partisan organization, and not subject to the incessant changes involved in the uncertain results of popular elections. In so far as I have any knowledge of the systems of other cities, I think that of the City of Boston is the most efficient, and I would recommend their system as a model. Changes in the values of properties are incessant, and every piece of property should be reviewed at least once in every five years.

I will again most earnestly call your attention to the necessity for enlarged quarters for the use of this department, which, without any increase of clerks, might be much more satisfactorily conducted in more ample space.

As the arrangements between the city and the two new wards are only temporary, little notice hitherto has been taken of them in my reports further than the published tables. I would, however, add that the valuations and assessments, both in the Twenty-first and Twenty-second Wards, are very much at variance with the real value of property. A great deal of real estate is assessed at from 10 to 25 per cent. of its real value, a condition of things totally incongruous with the fundamental laws of the State. A reasonable revenue from these districts would enable the city to meet many demands that are essential to the prosperity and comfort of their people.

With due acknowledgment for the cordial co-operation of other officers of the city with whom I have been brought in contact in the discharge of my official duties, and thanks to my assistants, who have so faithfully and cheerfully performed the duties assigned to them, I am most respectfully,

Your obedient servant,

L. N. HOPKINS, *Collector.*

TABLES.

TABLE A.

Total City and State Taxes, Including the Twenty-first and Twenty-second Wards, Received from January 1, 1895, to December 31, 1895, Inclusive.

1895.	City.	State.	Total.	21st and 22d Wards.		
				City.	State.	Total.
January	$ 727,759 61	$ 68,894 03	$ 796,653 64	$22,726 90	$ 6,656 07	$29,382 97
February	85,367 56	7,649 20	93,016 76	5,267 09	1,535 32	6,802 41
March	76,380 04	7,640 10	84,020 14	4,632 13	1,342 69	5,974 82
April	77,246 69	7,178 19	84,424 88	4,571 43	1,321 21	5,892 64
May	2,501,559 59	191,976 68	2,693,536 27	78,227 26	18,116 84	96,344 10
June	215,205 29	20,541 22	235,746 51	7,629 92	2,255 58	9,885 50
July	190,657 87	18,798 61	209,456 48	5,126 26	1,467 42	6,593 68
August	142,692 77	30,338 82	173,031 59	4,007 57	2,483 42	6,490 99
September	183,493 85	15,669 54	199,163 39	4,757 42	1,077 17	5,834 59
October	198,099 89	20,275 52	218,375 41	6,321 81	1,603 48	7,925 29
November	210,598 17	19,493 93	230,092 10	5,019 53	1,476 61	6,496 14
December	520,822 00	47,640 97	568,462 97	17,892 88	4,465 15	22,358 03
	$5,129,883 33	$456,096 81	$5,585,980 14	$166,180 20	$43,800 96	$209,981 16

City	$5,129,883 33	State	$456,096 81
City—21st and 22d Wards	166,180 20	State—21st and 22d Wards	43,800 96
	$5,296,063 53		$499,897 77
City	$5,296,063 53		
State	499,897 77		
Total	$5,795,961 30		

TABLE B.

Recapitulation of Taxes Collected from January 1, 1895, to December 31, 1895, Inclusive.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total, Including Discount and Interest.
1890.							
Real		$1 85					
Personal	$ 41,957 00	1 85	$ 776 19		$ 776 19	$ 193 49	$ 969 68
1891.							
Real	98,769 00	1 55	1,530 90		1,530 90	305 08	1,835 98
Personal	86,615 00	1 55	1,342 44		1,342 44	253 80	1,596 24
1892.							
Real	351,966 00	1 55	5,455 46		5,455 46	774 03	6,229 49
Personal	275,809 00	1 55	4,275 04		4,275 04	578 28	4,853 32
1893.							
Real	11,614,902 00	1 55	180,031 05		180,031 05	15,436 50	195,467 55
Personal	1,061,351 00	1 55	16,450 90		16,450 90	1,353 89	17,804 79
1894.							
Real	53,682,791 00	1 70	912,607 45		912,607 45	8,811 84	921,419 29
Personal	8,815,241 00	1 70	149,859 09		149,859 09	806 14	150,665 23
	$76,029,401 00				$1,272,328 52	$28,513 05	$1,300,841 57
1895.							
Real	$157,022,987 00	1 75	2,747,902 25	$70,804 58	2,677,097 67		2,747,902 25
Personal	54,939,315 00	1 75	961,438 01	41,767 49	919,670 52		961,438 01
	$211,962,302 00			$112,572 07	$4,869,096 71	$28,513 05	5,010,181 83
Opening streets and alleys							63,239 44
Paving streets and alleys							56,462 06
							$5,129,883 33

TABLE C.

Rate of Tax Per One Hundred Dollars.

	1890.	1891.	1892.	1893.	1894.	1895.
Police Department	$0 29	$0 28	$0 25	$0 31	$0 25	$0 28
Certain expenses	08	09	08	07	08	08
Public schools	26	23	25	32	32	31½
City poor	10	10	10	11	10	12
City direct	70	46	43	29	52	53
Miscellaneous stocks	33	24	30	30	23	30
Opening streets	06	04	03	04	07	01
Water tax	02	02	02	02	02	.....
Water 1926 Sinking Fund	00½	01	01	01	01	01
Internal Improvement 1928 Sinking Fund	00½	03	03	03	03	03
General Sinking Fund	.....	05	05	05	05	05
Public Improvement 1940 Loan	.....	.....	.....	.....	02	02
Four Million Loan Sinking Fund	.....	.....	.....	.....	.....	00½
	$1 85	$1 55	$1 55	$1 55	$1 70	$1 75

TABLE D.

Monthly Receipts of Taxes on the Several Levies from 1890 to 1895, Inclusive; for Opening Streets and Alleys, and for Paving Streets and Alleys From January 1, 1895, to December 31, 1895, Inclusive.

1895.	1890.	1891.	1892.	1893.	1894.	1895.	Opening Streets and Alleys.	Paving Streets and Alleys.	Total.
January	$366 03	$ 300 39	$ 2,117 14	$28,690 72	$695,668 49	.....	$ 370 00	$ 246 84	$ 727,759 61
February	.....	415 82	2,043 53	24,838 55	47,241 18	.....	.....	10,828 48	85,367 56
March	.....	642 63	1,021 46	24,797 20	47,830 52	.....	897 75	1,190 48	76,380 04
April	603 65	1,465 40	1,182 21	17,146 58	49,443 72	.....	7,192 81	212 32	77,246 69
May	.....	374 12	587 47	13,718 36	40,543 01	$2,432,396 06	13,940 57	.....	2,501,559 59
June	.....	23 20	437 80	9,426 63	30,571 51	168,769 34	5,974 81	.....	215,205 29
July	.....	.....	880 30	5,322 58	33,835 61	145,840 25	4,779 13	.....	190,657 87
August	.....	.....	687 75	7,111 09	23,044 92	105,076 73	6,772 28	.....	142,692 77
September	.....	.....	401 31	9,720 35	18,971 03	142,383 21	9,200 81	2,817 14	183,493 85
October	.....	.....	284 44	22,618 53	21,076 60	147,678 57	3,388 73	3,053 02	198,099 89
November	.....	.....	712 96	38,813 56	20,387 95	136,643 69	2,755 60	11,284 41	210,598 17
December	.....	208 66	726 44	11,068 19	43,469 98	430,552 41	7,966 95	26,829 37	520,822 00
	$969 68	$3,432 22	$11,082 81	$213,272 34	$1,072,084 52	$3,709,340 26	$63,239 44	$56,462 06	$5,129,883 33

TABLE E.

Division of Taxes Received from January 1, 1895, to December 31, 1895, Inclusive.

	1890.	1891.	1892.	1893.	1894.	1895.	Total.
Police Department	$121 67	$519 02	$1,569 47	$39,296 34	$156,245 05	$ 575,482 93	$ 773,234 48
Certain expenses	33 57	166 86	502 22	8,873 46	49,998 40	164,423 59	223,998 10
Public schools	109 07	426 37	1,569 47	40,563 97	199,993 71	647,418 29	890,080 88
City poor	41 96	185 38	627 77	13,943 86	62,498 04	246,635 53	323,932 54
City direct	293 70	852 76	2,699 43	36,761 11	324,989 84	1,089,307 02	1,454,903 86
Miscellaneous stocks	138 46	444 91	1,883 35	38,028 76	143,745 46	616,588 86	800,829 80
Opening streets	25 17	74 15	188 31	5,070 51	43,748 62	20,552 94	69,659 70
Water tax	8 39	37 08	125 52	2,535 29	12,499 59	.....	15,205 87
Water 1926 Sinking Fund	2 10	18 53	62 79	1,267 65	6,249 82	20,552 95	28,153 84
Internal Improvement 1928 Sinking Fund	2 10	55 61	188 28	3,802 93	18,749 39	61,658 88	84,457 19
General Sinking Fund	.....	92 67	313 89	6,338 07	31,249 02	102,764 81	140,758 46
Public Improvement 1940 Loan	.....	.....	.....	.....	12,499 60	41,105 90	53,605 50
Four Million Loan Sinking Fund	.....	.....	.....	.....	.....	10,276 49	10,276 49
	$776 19	$2,873 34	$9,730 50	$196,481 95	$1,062,466 54	$3,596,768 19	$4,869,096 71
Interest	193 49	558 88	1,352 31	16,790 39	9,617 98	.....	28,513 05
Discount	.....	.....	.....	.....	.....	112,572 07	112,572 07
	$969 68	$3,432 22	$11,082 81	$213,273 34	$1,072,084 52	$3,709,340 26	$5,010,181 83
Opening and closing streets and alleys							63,239 44
Paving streets and alleys							56,462 06
							$5,129,883 33

TABLE F.

Of Percentage Collected Within the Year on Levies 1888 to 1894 to December 31, 1894; also on Levy of 1895 from Date of Levy to December 31, 1895; also on Basis of 1894 to December 31, 1895.

Year.	Basis.	Basis Collected Upon.	Per Cent.
1888	$267,078,210	$190,212,983	71.22
1889	270,217,863	193,061,621	71.45
1890	275,710,432	193,856,812	70.31
1891	278,398,105	201,662,443	72.44
1892	282,720,820	205,802,258	72.79
1893	290,309,113	201,433,295	69.38
1894 to December 31, 1894	292,090,946	210,798,898	72.17
1895 to December 31, 1895	295,065,321	211,962,302	71.84
1894 to December 31, 1895	289,403,538	273,296,930	94.44

TABLE G.

Showing the Percentage Collected Monthly from January 1, 1895, to May, 1895, on Levy of 1894, and on Levy of 1895, from May, 1895, to December 31, 1895, Inclusive.

Basis.	Months.	Basis Collected Upon.	Per Cent.
1894. $292,090,946	January	$40,921,675	14.01
	February	2,765,068	.93
	March	2,785,703	.94
	April	2,865,472	1.00
		$49,337,918	16.88
1895. $295,065,321	May	$138,994,061	47.12
	June	9,643,962	3.29
	July	8,333,729	2.84
	August	6,004,386	2.05
	September	8,136,184	2.72
	October	8,438,775	2.85
	November	7,808,211	2.65
	December	24,602,994	8.32
		$211,962,302	71.84

Basis December 31, 1895	$295,065,321
Less plant exemption	1,204,920
	$293,860,401

Amount collected upon, $211,962,302; equal to 72.13 per cent.

TABLE H.

Summary of Receipts for Opening and Closing Streets and Alleys from January 1, 1895 to December 31, 1895, Inclusive.

Ward street	$ 370 00
Forrest "	2,331 95
Randall "	908 00
Gay "	10,030 87
Collington avenue	6,466 50
Dallas street	193 47
Henry "	213 00
Northwest street	5,173 50
Bruce alley	1,160 75
Whitelock street	14,761 50
Nanticoke "	751 00
Bouldin alley	3,170 16
Carroll street	422 81
Lanvale "	1,155 86
Brunt "	301 83
Ludlow "	159 00
Burrough "	266 83
Ensor "	4,488 50
Patapsco alley	380 25
Madison street	10,185 55
Birckhead "	324 11
Ten-foot alley	24 00
	$63,239 44

TABLE I.

Summary of Receipts for Paving Streets and Alleys from January 1, 1895, to December 31, 1895, Inclusive.

Patterson Park avenue	$10,089 85
Gold street	2,338 27
Pulaski street	3,808 81
Johnson street	1,202 88
Cannon street	16,561 87
Preston street	13,954 05
Wolfe street	1,121 93
Eastern avenue	4,882 69
Appleton street	212 75
Whitelock street	18 46
Chester street	1,638 46
Chase street	582 04
	$56,462 06

TABLE J

Shows the Total Amounts Collected, the Total Basis Collected upon During the year 1895 on Taxes in Arrears and on Levy of 1895, in Comparison with the Same for the year 1894.

	Basis.	*Cash.*
The total amounts collected in 1895 were:		
On taxes in arrears	$ 76,029,401	$1,300,841 57
On levy of 1895	211,962,302	3,709,320 46
Total	$287,991,703	$5,010,162 03
The total amounts collected in 1894 were:		
On taxes in arrears	$ 85,301,619	$1,356,436 05
On levy of 1894	210,798,898	3,583,581 21
Total	$296,100,517	$4,940,017 26
SUMMARY.		
1895, taxes in arrears	$ 76,029,401	$1,300,841 57
1894, " " "	85,301,619	1,356,436 05
1895, on levy of 1895	211,962,302	3,709,320 46
1894, " " " 1894	210,798,898	3,583,581 21

TABLE K

Is an Exhibit of the Bases of Taxation Realized upon in the first Twenty Wards of the City on the Respective Levies from the Years 1877 to 1892, Inclusive.

Year.	Total Bases Realized Upon.	Increase.	Decrease.
1877	$233,664,251		
1878	227,424,677		$6,239,574
1879	229,254,146	$1,829,469	
1880	235,322,164	6,068,018	
1881	240,416,582	5,094,418	
1882	241,671,879	1,255,297	
1883	242,692,143	1,020,264	
1884	245,885,024	3,192,881	
1885	249,198,435	3,313,411	
1886	251,637,320	2,438,885	
1887	260,286,192	8,648,872	
1888	261,910,095	1,623,903	
1889	266,868,823	4,958,728	
1890	271,009,010	4,140,187	
1891	274,375,753	3,366,743	
1892	276,402,584	2,026,831	
Total increase		$48,977,907	

Note.—These are the bases actually collected and realized upon, and which represent the entire taxable valuations for those years, showing an increase from 1878 to 1892 of $48,977,907. For the year 1892, however and also the years 1893, 1894 and 1895, the actual available bases have not yet been ascertained.

TABLE A.

Twenty-first and Twenty-second Wards.

The collections for the Twenty-first and Twenty-second Wards during the year 1895 were $166,180.20, of which there were collected on—

Levy of 1891	$	5 02
" 1892		156 09
" 1893		5,990 44
" 1894		42,233 31
" 1895		117,795 34
		$166,180 20

The bases collected on were:

Levy of 1891	$	700 00
" 1892		22,391 00
" 1893		919,796 00
" 1894		6,979,750 00
" 1895		19,632,561 00

The amount of State taxes collected on were:

Levy of 1891	$	1 24
" 1892		14 18
" 1893		1,630 83
" 1894		12,341 50
" 1895		29,813 21
		$43,800 96

Total city	$166,180 20
" State	43,800 96
	$209,981 16

TABLE B—Twenty-first and Twenty-second Wards.

Recapitulation of Taxes Collected from January 1, 1895, to December 31, 1895, Inclusive.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total, Including Discount and Interest.
1891.							
Real / Personal	$ 700 00	$0 60	$ 4 20	.....	$ 4 20	$ 82	$ 5 02
1892.							
Real / Personal	22,391 00	60	134 40	.....	134 40	21 69	156 09
1893.							
Real	905,641 00	60	5,433 72	.....	5,433 72	464 57	5,898 29
Personal	14,155 00	60	84 93	.....	84 93	7 22	92 15
1894.							
Real	6,514,786 00	60	39,088 69	.....	39,088 69	333 46	39,422 15
Personal	464,964 00	60	2,789 72	.....	2,789 72	21 44	2,811 16
	$7,922,637 00				$47,535 66	$849 20	$48,384 86
1895.							
Real	$15,425,857 00	60	92,555 13	$2,399 69	90,155 44	.....	92,555 13
Personal	4,206,704 00	60	25,240 21	1,000 70	24,239 51	.....	25,240 21
	$19,632,561 00			$3,400 39	$160,930 61	$849 20	$166,180 20

SUMMARY.

Amount collected on account of levy, 1895	$117,795 34
Amount collected on account of taxes in arrears	47,535 66
Amount collected for interest on account of taxes in arrears	849 20
	$166,180 20

TABLE C.

Twenty-first and Twenty-second Wards.

Showing the Percentage Collected Monthly on the Present Bases of 1889 to 1895, Inclusive, From the Dates of the Respective Levies to December 31, 1895.

Year.	Present Bases.	Bases Collected Upon.	Per Cent.
1889	$22,400.840	$22,400,840	100.00
1890	23,408,336	23,408,336	100.00
1891	25,318,299	25,313,985	99.98
1892	27,452,976	27,299,881	99.44
1893	27,518,892	27,257,107	99.05
1894	28,577,668	26,897,220	94.12
1895	31,057,368	19,632,561	63.21

ANNUAL REPORT

—— OF THE ——

HEALTH DEPARTMENT

—— TO THE ——

Mayor and City Council of Baltimore,

—— FOR THE ——

FISCAL YEAR ENDING DECEMBER 31, 1895.

OFFICERS AND EMPLOYEES OF THE BOARD OF HEALTH

OF THE CITY AND PORT OF BALTIMORE FOR THE YEAR 1895.

HON. FERDINAND C. LATROBE, MAYOR,
Member ex-officio.

JAMES F. McSHANE, M.D.,
President, Commissioner of Health and Registrar.

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

V. BURGESS HINES,
Secretary of the Board of Health.

GEORGE C. VANSANT,
Assistant Secretary of the Board of Health.

SIDNEY O. HEISKELL, M.D.,
Resident Physician at the Quarantine Hospital of the Port of Baltimore.

JAMES D. STIDHAM, *Inspector of Plumbing.*
DENNIS HEALY, *Inspectorof Drains.*
MICHAEL A. MALONEY, *Permit Clerk.*
HARRY C. ANDREWS, *Nuisance Clerk.*
JAMES E. HUBBERT, *Clerk to Registrar.*
JAMES E. KING, *Recorder of Births.*
MONTGOMERY LAWRENCE, *Ass't Permit and Ass't Registrar's Clerk.*

SANITARY INSPECTORS :

JOSEPH V. FITZPATRICK, HENRY McKEWEN,
CHRISTOPHER C. LEONARD, JOHN LONG,
JOHN M. DE GOEY, GEORGE N. LEWIS,
AUGUSTUS W. LINDENSTRUTH.

ERNEST TSCHUDY, *Detective.* HENRY HASENKAMP, *Messenger.*
WM. H. MURPHY, *Keeper of the Morgue.* DANIEL H. CARR, *Disinfector.*

SUPERINTENDENTS OF SEWERS :

HENRY PAFF, *Eastern District.* MARK F. GORMAN, *Western District.*

SUPERINTENDENTS OF PUBLIC CEMETERIES :

GEORGE RINEHART, *Eastern.* GEORGE E. BROWN, *Western.*

SUPERINTENDENTS OF NIGHT SOIL DUMPS :

JAMES QUINN, *of No.* 1, *Foley's Wharf.*
CHARLES F. RINGGOLD, *of No.* 2, *Winan's Wharf.*
FRANK KELLY, *Assistant of No.* 2, *Winan's Wharf.*

FOOD INSPECTION :

PROF. WILLIAM P. TONRY, PH.D., M.D.
GEORGE A. VERNETSON, *Clerk.*
THOMAS SLAGLE and WILLIAM G. V. HULL, *Inspectors of Milk.*
GEORGE N. SCHAEFER, *Inspector of Meats, Vegetables, Fruits, etc.*

CITY ANNEX—SANITARY INSPECTORS :

D. S. WILLIAMS, M.D., and GEORGE W. PHILLIPS, *Twenty-first Ward.*
ROBERT E. L. HALL, M.D., and B. FRANK KNIGHT, *Twenty-second Ward.*

VACCINE PHYSICIANS.

First Ward:
WILLIAM H. SCHWATKA, M.D., 2429 Lancaster street.

Second Ward:
N. L. DASHIELL, JR., M.D., 700 South Broadway.

Third Ward:
WILLIAM H. JOHNSON, M.D., 1916 East Pratt street.

Fourth Ward:
C. F. MAGUIRE, M.D., 4 South Exeter street.

Fifth Ward:
ARTHUR WEGEFARTH, M.D., 805 Aisquith street.

Sixth Ward:
F. A. SAUER, M.D., 439 North Central avenue.

Seventh Ward:
G. H. CHABOT, M.D., 1111 East Preston street.

Eighth Ward:
HENRY F. CASSIDY, M.D., 702 Greenmount avenue.

Ninth Ward:
WILBUR C. CURRY, M.D., 812 North Calvert street.

Tenth Ward:
AUGUST HORN, M.D., 697 West Mulberry street.

Eleventh Ward:
J. A. GILLISS, M.D., 437 West Biddle street.

Twelfth Ward:
T. P. McCORMICK, M.D., 1421 Eutaw Place.

Thirteenth Ward:
WILLIAM WOLF, M.D., 658 West German street.

Fourteenth Ward:
J. C. WUNDER, M.D., 1075 West Fayette street.

Fifteenth Ward:
WILLIAM B. BURCH, M.D., 509 Hanover street.

Sixteenth Ward:
JOSEPH BLUM, M.D., 641 Columbia avenue.

Seventeenth Ward:
HENRY STARK, M.D., 1110 Hanover street.

Eighteenth Ward:
HARRY BOYD, M.D., 677 Columbia avenue.

Nineteenth Ward:
JOHN W. LINTHICUM, M.D., 1327 West Fayette street.

Twentieth Ward:
PAUL F. DEFORD, M.D., 1530 Harlem avenue.

Twenty-first Ward:
MORRIS SHANKS, M.D., corner Parkdale and Woodberry avenues.

Twenty-second Ward:
H. G. PRENTISS, M.D., 809 Gorsuch avenue.

REPORT

OF THE

COMMISSIONER OF HEALTH.

REPORT.

HEALTH DEPARTMENT,

BALTIMORE, January 2, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—In accordance with the provisions of law, I have the honor to submit the following report of the Health Department for the year ending December 31, 1895, and some suggestions based upon information acquired in the prosecution of the work assigned it. Whilst the report shows that much good work has been done, we should not be content with what has already been accomplished. At no time has intelligent activity in sanitary matters been more imperatively required. The standard of sanitary requirements is higher than ever before demanded, and the connection of preventable disease with unsanitary conditions has never been so well understood by a large majority of our citizens as at the present time. The best means should be sought and devised in promoting the work of protecting the public health, and every requisite support, physical and financial, should be given to improve our sanitary condition and enhance the salubrity of our city.

Notwithstanding the power and rights of an individual to vacate a nuisance are clearly laid down in the common law, they are dependent upon his ability to prove its reality and the risk it was to his health, life or comfort as a citizen—this would be enough were it not that often the individual is not able to defend his rights, or the methods of common law are too slow for evils already present and threatening health and life; hence it becomes the duty of the government to provide, by special legislation and summary methods, for such protection and defense, and no subject could more fitly engage the attention of our legislators than the consideration and enactment of specific laws defining the power and

duty of the Board of Health, as the present statutes and ordinances are either too limited in their scope or too general in their provisions to absolutely prevent nuisances or evils known to be injurious to the public health.

The total mortality for the year is 10,301, of which number 7,884 were white persons, and 2,417 colored. This is an increase of 815 over the preceding year. The death-rate for the year is 20.76 per thousand for the whole population, the death-rate for the white being 18.63, and the colored 32.06.

The ratio of deaths of children under five years of age to the total mortality was 39.03 per cent. There were 1,240 deaths of persons over seventy years of age, showing a large number of aged decedents.

BIRTHS.

The total number of births reported during the year was 9,059, of which 7,667 were white, and 1,392 colored.

TABLE SHOWING THE NUMBER OF CASES REPORTED AND MORTALITY FROM PRINCIPAL ZYMOTIC DISEASES DURING THE YEAR 1895, COMPARED WITH 1894.

Diseases.	Cases reported in 1895.	Deaths reported in 1895.	Cases reported in 1894.	Deaths reported in 1894.
Diphtheria	371	265	267	198
Scarlet fever	775	59	999	85
Croup	258	45	142	33
Measles	2,332	68	98	3
Varioloid or variola	3	.....	18	.....
Varicella	40	.....	53	1
Whooping-cough	171	68	320	112
Mumps	62	2	80	1
Typhoid fever	*260	173	.....	222
Consumption	.....	1,141	.....	1,106
Pneumonia	.....	933	.....	790
Cholera infantum	.....	510	.....	440

*Compulsory reporting of typhoid fever went into effect on July 1, 1895.

Variola.—Three cases of varioloid occurred in the city in February last. Prompt measures were instituted for preventing the further development of the disease, and it is with

pleasure I report that it did not spread beyond the premises in which the cases were located.

The work of the vaccine physicians did not equal that of the preceding year. This was no doubt due to the absence of a smallpox scare, yet our people should not be misled into fancied security by neglecting this most important means of protection. Experience has demonstrated again and again that so long as unvaccinated children are allowed to accumulate, and people continue to neglect renewal of immunity by revaccination, epidemics are sure to make their appearance upon the importation of a case of smallpox.

Consumption.—The number of deaths from this cause during the year was 1,141, an increase of thirty-five over the year 1894.

This disease is more prevalent and more fatal than any other which afflicts mankind. It is extremely important that measures should be adopted to restrict this scourge, as it is communicable and preventable. Provision at least should be made to disseminate a knowledge of how consumption is spread or acquired, and the necessary precautions to be taken to restrict or control its ravages.

Typhoid Fever.—The number of deaths from this cause was 173, a decrease of 49 as compared with the year 1894.

Physicians believe that contaminated water is the most frequent cause of this disease. The contamination must be with the fœcal discharges of a person suffering with this disease. It has also been traced to milk which had infected water added to it, or has been kept in vessels which have been washed with impure water, or in a room adjoining one in which there has been a case of typhoid fever. In some few cases it seems that the disease has been produced by the emanations from the putrifying contents of privies. Filth and bad sanitary conditions of dwellings probably increase the danger of spreading this fever, which has been classed as a "filth disease." The greatest number of deaths from this disease is of persons in the prime of life, and every effort should be put forth to prevent it.

Typhoid fever, strictly speaking, may not be contagious, but it is certainly communicable through infected foods and drinks. It being propagated by contaminated water, every precaution should be taken to keep the source of our water supply pure, and insure us against any possibility of immediate or remote contamination. The multiplication of possible sources of pollution of the city's water supply, particu-

larly from increased population in neighborhood of the water shed, demands the adoption of means for its better protection, so that it can be made pure and wholesome beyond dispute.

ISOLATION HOSPITAL.

Your attention is again called to the necessity of making provision for suitable buildings for the isolation and treatment of some of the acute infectious or communicable diseases. It is as necessary for a community such as Baltimore to make provision for a hospital of this character as to provide a fire department. It would be almost as reasonable to expect to organize a fire department anew, in the face of each new conflagration, as to assume the attitude this municipality does in putting off the organization of such an establishment. The erection of such hospitals (with the exception of those in which smallpox cases are treated) do not involve any increased risk to contiguous population, as with the present modes of isolation, cleansing and disinfection, and with the strict discipline which is essential to all sanitary control, preclude the possibility of such an institution becoming a menace to the health.

DISINFECTION.

Attention is again called to the necessity of erecting a public steam disinfecting plant, as it is impossible to perform properly the work of this department without this necessary adjunct.

PUBLIC SCHOOLS.

The schools of our city are an incalculable blessing to the city and to every citizen, and it is worth our while to scrutinize closely and never cease our efforts to improve them. Hygienic perfection, if anywhere requisite and worthy of earnest effort, is doubly so in our schools, in consequence of the large number of those who spend the whole or part of their days in schools, and the relatively large proportion of this number who are in the formative years of life.

Whilst proud of our public schools, education is free to all; but it is not, in every instance, the manifold blessing it seems. It is acquired at too great an individual risk. In many schools the rooms are imperfectly heated, lighted and ventilated; overcrowded; seats narrow, short and close

together, and the atmosphere impregnated with organic exhalations, all of which are incompatible with healthfulness.

"The diseases incurred during school life, or aggravated by it, prepare many victims for lingering illness in later life, and contribute largely to the mortality of the adult population. Beside this, many troublesome complaints, not of a perceptibly fatal character, are often contracted in school.

"Headache, bleeding at the nose, diseases of the eye and the spine, dyspepsia, affections of the bronchial tubes and lungs, exanthematous fevers, diphtheria and many other complaints have been undoubtedly induced or aggravated by the collection of numerous children in school under unfavorable conditions as to light. heat, cleanliness, exercise and habits of study. School furniture is responsible for much curvature of the spine.

"School management, proper in kind and degree; good buildings, scientifically constructed furniture, and clearly-printed text-books will obviate much of this trouble. The enlightened interest and co-operation of the medical profession are also much needed, and their advice should be sought and followed by all interested in the health of schools."*

Too little attention has been given to the importance of securing proper sites and grounds for school buildings. This is one of the most serious defects connected with our schools, and the longer it is tolerated, becomes the more difficult to remedy, because of the large sums of money expended in costly and hurtful structures. If there are any buildings, either public or private, which should be endowed with room enough and ample compass, forever sacred from encroachment, it is our public school-houses. They are to be frequented by generation after generation of boys and girls whose minds are susceptible of impressions quite as much and as readily from things and looks as from books and teachers. No question of greater importance can claim your attention than the proper hygienic construction of schools, as there is none which more vitally affects the health of this and all future generations.

PUBLIC BATHS.

The establishment of public baths is an important factor in the comfort, health and well-being of the people, and means should be provided for furnishing these necessary re-

*General John Eaton, U. S. Commissioner of Education.

quirements. "Every facility for proper cleanliness should be afforded the public, and especially the working classes, who are exposed by the nature of their avocations to various sources of uncleanliness, but are also so rarely situated as to be able to cleanse themselves properly at home, much less enjoy the luxury of a complete bath for refreshment. When our cities were small, and the surrounding streams could be easily reached, personal cleanliness on the part of the working people was not so difficult of attainment; but now in our larger towns and cities the lack of any, even the simplest means of general ablution, is a disgrace to our civilization."*

The Legislature of the State of New York recognized this fact by the enactment of a law which provides that all cities of the first and second classes shall establish and maintain such number of free public baths as the local Boards of Health may determine to be necessary, to be kept open fourteen hours each day, provided with hot and cold water, thus making it incumbent upon the authorities of the larger urban populations to furnish the means of personal cleanliness to its people by baths which shall be as free and accessible as the air they breathe.

SEWERAGE.

It is not asserting too much to declare that our privies are the most dangerous enemies of our lives and happiness. The contents of these abominable receptacles have free access to the soil, and saturate the ground with liquid filth to such a degree that specimens of sub-soil water taken from different depths and in different sections yield a large percentage of organic matters, the products of animal excretion. Many of them overflow, and the liquid contents flow into yards and gutters, emitting most offensive odors, which are a fruitful source of disease, operating indirectly in its production and directly in lowering the vital stamina of the unfortunates compelled to breathe a polluted atmosphere. Legal provision should be made for controlling this evil until the matter of sewerage comes to a practical issue in this city, a practical idea which is carried out by many cities no more enterprising than Baltimore.

DISPOSAL OF GARBAGE.

The present method of collection and disposal of garbage and offal are not in consonance with the strict requirements

* Buck's Hygiene and Public Health.

of advanced municipal sanitation. The carts employed in the collection of garbage should have bodies made of steel or iron, so constructed as to be thoroughly and easily cleansed and prevent leaking upon the streets; nor should they be so loaded as to permit the falling off of any material. After a careful study of the methods of disposal of animal and vegetable matter, in my humble opinion success is only reached by the adoption of the process of incineration for the entirely sanitary, speedy and thorough disposition of this character of water.

FOOD INSPECTION.

The report of the chemist gives in detail the work performed by the Chemist and Milk Inspectors. The Milk Inspectors visited the various railroad stations, dairies, lunch rooms, etc., and condemned and spilled 8,377 gallons of milk.

The Inspector of Meats, etc., made 6,366 visits to provision stores, markets and slaughter-houses, and condemned and had removed 139,929 pounds of various meats and a large amount of poultry, fish, vegetables, fruits, etc. An examination was made of 229 cow-stables by the Chemist and Milk Inspectors.

MILK.

The fact is evident, after an examination of the various cow-stables in this city, that in the majority of instances every method has been adopted that would in any way increase the product of milk regardless of the health of the animal. As a result we have under these conditions what is practically unknown on the prairies of the West, a corresponding increase in diseases affecting the dairy cow, the principal one being tuberculosis.

"Few if any diseases maintain sway over a more numerous genera of animals than tuberculosis. All must, therefore, be considered as possible bearers and disseminators of the infection, and no such animal can be left out of account in any systematic attempt to root out the disease. Some are, however, justly held to contribute more than others to the maintenance of the affection, and in this sense, in addition to man himself, we must consider as pre-eminently bearers of this disease cattle, fowls and pigs. It is doubtful if any observation or study has been sufficiently thorough to enable any one to make an accurate table of the prevalence of

this disease among the cattle of this country."* As already indicated, it is hardly known in the West, as in over two million beeves examined in the packing centres, it was present in only two-tenths of 1 per cent., while in cows in this city (Baltimore) 2½ to 3½ per cent. showed its presence, and in at least twenty thousand examined in the State of New York it was present in nearly 2 per cent. In Massachusetts it was present in 7 per cent. During the last five years various investigators have been at work upon this subject, and conclusions more or less correct regarding some of its phases have been arrived at. These conclusions are of a most startling character, and certainly demand most serious consideration. Legal provision should be made for placing all dairy stables in this city under the supervision of this department, and the formulation of regulations promulgated for the proper conduct of such places. The importance of having this article of diet pure and wholesome cannot be over-estimated, and in the care, feeding and housing of cows lies the foundation of a proper product. All elements of uncleanliness must be carefully excluded from the milk and from all utensils of the dairy. Not only because they are objectionable in themselves, but because they promote fermentation and decay. Every place about the dairy should be scrupulously clean and well cared for. The reason for exercising extreme cleanliness is, that it is known that all the changes of decomposition in the milk from healthful animals are due to the introduction into the milk after it is drawn from the cow of low forms of life. These germs cause souring; make the milk ropy, blue and otherwise objectionable. Milk to be of the best and most uniform quality demands the cow should be treated with great care. Stables should be warm, dry, well-ventilated and lighted. Dryness, sunlight and fresh air are as necessary in a stable to maintain vigor of cattle as in a human habitation. Extraordinary care should be used to keep milk clean.

The establishment of a chemical and a bacteriological laboratory is most urgent as a part of the equipment of this department. All analyses and examinations should be made here instead of in a private laboratory, and the work of the various branches of sanitary administration brought more closely together.

Experience has demonstrated that the quarters assigned this department are wholly inadequate for the proper per-

*James Law.

formance of the work. The department has been obliged to struggle along and endure only fair service in consequence of this lack of room and the appliances for properly doing the work.

REPORT OF THE MEDICAL EXAMINERS.

The report shows that eighty-five post-mortems were made during the year.

REMOVAL OF FILTH, ETC., FROM DOCKS.

This department should be relieved of the work of removing vegetable and other matter found floating in the docks, and I would respectfuly suggest that it be transferred to some other branch of the city government.

REPORT OF THE ASSISTANT COMMISSIONER OF HEALTH.

The report of Dr. H. L. Spicer, Assistant Commissioner of Health, shows in detail the work performed by the respective divisions of this department.

INSPECTION OF PLUMBING.

The report of the Inspector of Plumbing shows an increase in the amount of plumbing work performed, and a decrease in the laying of drains.

THE MORGUE.

The following report of the Keeper shows the number of bodies cared for and the disposition made of them:

Males, 171; females, 42. White, 145; colored, 68.

Buried by relations or friends	125
Buried by the city	88
Number of bodies identified	105
Number of bodies unidentified	108
Number of post-mortems	4
Number of bodies remaining in Morgue December 31, 1895	2
Total number of bodies received from March 11, 1891 (date of opening) to December 31, 1895	710

The following are estimates for the expenses of the Health Department for the year 1896:

Salaries	$39,300 00
General	20,000 00
Post-mortems	1,500 00
Quarantine Hospital	20,000 00
Removing filth from docks	4,000 00
Removal of canning-house refuse	5,000 00

CITY ANNEX.

Salaries	$3,800 00
Nuisances	2,000 00

In conclusion, I will again reiterate the importance of a complete revision of the ordinances in relation to public health. The department desires to express its thanks to the press, the medical profession and the Police Department for valuable aid and assistance.

Respectfully, your obedient servant,

JAMES F. McSHANE, M.D.,

Commissioner of Health.

TABLES.

VITAL STATISTICS OF THE CITY OF BALTIMORE FOR THE YEAR 1895.

Estimated population, white			422,568
" " colored			73,747
Total			496,315
Marriages, 4,447. Rate per 1,000 of population			8,965
Births (reported), white males	3,942		
" " " females	3,725		
Total white		7,667	
Births (reported), colored males	742		
" " " females	650		
Total colored		1,392	
Total males	4,684		
" females	4,375		
Grand total		9,059	
Birth rate per 1,000, white population	18.12		
" " " colored "	18.81		
" " " whole "	18.26		
Still births		666	
Total mortality, native white males	3,171		
" " " " females	3,008		
Total		6,179	
Total mortality, foreign white males	898		
" " " " females	807		
Total		1,705	
Total mortality, colored males	1,213		
" " " females	1,204		
Total		2,417	
Total males	5,282		
" females	5,019		
Grand total		10,301	
Annual death rate per 1,000, white population			18.63
" " " colored "			32.06
" " " whole "			20.76
Total number of deaths from Measles		68	
" " " Scarlet fever		59	
" " " Diphtheria		265	
" " " Croup		45	
" " " Whooping-cough		68	
" " " Typhoid fever		173	
" " " Typho-malarial fever		19	
" " " Diarrhœa		89	
" " " Dysentery		70	
" " " Cholera infantum		510	
" " " Cholera morbus		17	

Total number of deaths from Consumption	1,141	
" " " Pneumonia	933	
" " " Bronchitis	274	
" " " Influenza	185	
" " " Bright's disease	218	
" " " Cancer	302	
" " " Disease of heart	456	
" " " Sunstroke	64	
" " " Pernicious anæmia	12	
" " " Appendicitis	18	
" " " Illuminating gas	9	
" " " Accidents	262	
" " " Cerebro-spinal fever	27	

TOTAL NUMBER OF DEATHS FROM ABNORMAL CONDITIONS CONNECTED WITH PARTURITION.

Puerperal fever	11	
" convulsions	19	
" peritonitis	32	
" septicæmia	22	
Child-birth	13	
Abortion	1	
Hemorrhage post-partum	3	
" placenta prævia	5	
Total mortality under five years of age	4,026	
Percentage to total mortality		39.03
Total mortality from diarrhœal diseases under five years	637	
" " all ages from diarrhœal diseases	890	

DEATHS IN PUBLIC INSTITUTIONS.

Baltimore City Jail	2	
Penitentiary	14	
Hospitals and asylums	1,188	
Total		1,204
Deaths reported by Coroners, including inquests	828	
Total autopsies	85	
Bodies received at City Morgue	213	

V. BURGESS HINES,

Secretary Board of Health.

TABLE I.

Showing Number of Dwellings; Population, White and Colored; Total Number of Deaths and Death Rate per 1,000 in Each Ward for the Year 1895.

Wards.	Dwellings.	Population.			Total Deaths.	Death Rate Per 1,000 Each Ward and Total Population.
		White.	Colored.	Total.		
First	5,813	24,471	526	24,997	534	21.36
Second	2,511	16,169	390	16,589	437	25.70
Third	2,770	14,837	2,448	17,285	412	24.23
Fourth	2,821	13,836	2,665	16,501	344	20.23
Fifth	2,864	13,711	3,822	17,533	355	20.88
Sixth	7,111	26,881	3,792	30,673	879	28.35
Seventh	8,017	29,439	1,546	30,985	581	18.76
Eighth	6,318	23,638	2,827	26,465	490	22.69
Ninth	2,154	16,074	2,467	18,541	444	23.36
Tenth	2,654	13,505	4,268	17,773	307	17.05
Eleventh	3,821	10,797	12,524	23,321	454	19.73
Twelfth	7,173	22,082	4,733	26,815	701	25.96
Thirteenth	2,571	14,117	2,484	16,601	363	21.11
Fourteenth	3,402	16,471	2,624	19,095	416	21.84
Fifteenth	2,392	12,638	4,421	17,059	289	17.00
Sixteenth	2,533	11,344	4,880	16,224	242	15.12
Seventeenth	5,869	27,164	652	27,816	630	22.50
Eighteenth	6,796	25,669	3,805	29,474	633	21.82
Nineteenth	5,661	23,090	5,190	28,280	581	20.75
Twentieth	4,871	19,975	4,660	24,635	404	16.16
Twenty-first	4,912	19,658	768	20,426	326	16.30
Twenty-second	6,953	26,972	2,255	29,227	479	16.51
	99,987	422,568	73,747	496,315	10,301	20.76

TABLE II.

DEATHS FROM ZYMOTIC DISEASES, CONSUMPTION AND PNEUMONIA, IN EACH WARD FOR THE YEAR ENDING DEC. 31, 1895.

ZYMOTIC DISEASES.	WARDS.																						Totals
	1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.	22d.	
Croup	6	3	3	1	2	6	2	...	1	...	...	3	...	...	1	1	2	7	3	...	2	2	45
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" infantum	26	42	18	20	12	39	25	17	8	11	18	17	10	12	26	15	52	49	24	24	19	26	510
" morbus	1	1	1	...	2	2	2	...	...	...	...	...	...	1	2	...	...	1	2	1	1	...	17
Diphtheria	19	15	13	8	11	25	9	2	4	2	4	4	14	12	7	17	40	14	15	8	12	10	265
Diarrhœa	7	9	7	4	3	7	4	3	6	3	...	7	3	...	1	...	4	6	4	3	5	3	89
Dysentery	4	4	1	2	4	6	5	2	1	2	1	6	1	2	1	3	8	9	...	1	1	6	70
Entero-colitis	7	5	5	1	4	12	7	5	3	8	8	5	4	4	4	1	9	8	8	3	8	8	127
Erysipelas	...	...	2	2	2	2	2	...	1	1	...	2	...	2	...	...	5	2	1	...	...	...	24
Fever—cerebro-spinal	5	...	2	...	...	2	...	1	1	1	1	1	...	2	...	...	4	2	2	1	...	2	27
" intermittent	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	1	...	...	7
" malarial	2	3	2	2	2	2	...	1	...	...	1	...	...	...	1	1	2	2	...	1	...	...	22
" puerperal	...	1	...	1	...	...	1	...	...	...	...	...	...	1	1	...	2	...	3	...	...	1	11
" remittent	3	...	...	1	...	5	1	...	...	...	1	1	...	...	...	...	1	1	...	...	2	...	16
" scarlet	1	3	4	4	2	7	7	4	...	...	...	5	2	3	1	1	2	2	4	3	2	2	59
" typhoid	7	6	8	9	7	20	13	9	2	1	6	12	8	4	2	4	12	5	9	8	8	13	173
" typhus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" typho-malarial	1	3	...	1	...	1	...	...	1	2	2	1	...	1	...	...	1	...	1	1	...	3	19
Mumps	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
Measles	5	9	1	4	2	2	3	1	1	3	1	1	2	5	...	2	2	11	5	2	1	5	68
Pyaemia	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1	...	...	6
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Septicæmia	2	...	...	1	2	3	3	...	1	...	2	1	2	...	1	...	1	...	1	1	...	...	21
Tonsillitis	...	...	...	...	...	...	1	...	...	...	1	...	...	...	2	1	...	1	...	...	...	1	7
Varicella	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping-cough	1	1	1	3	1	3	5	6	2	1	5	4	3	2	2	2	6	5	5	5	4	1	68
Total zymotic diseases	99	107	69	64	56	144	90	51	32	35	51	70	49	52	52	49	153	130	88	64	65	83	1,653
Consumption	47	41	48	27	41	90	63	60	55	38	81	66	48	56	32	27	57	58	65	47	32	62	1,141
Pneumonia	58	53	35	28	42	79	45	54	34	36	29	44	25	27	29	32	81	59	47	36	31	29	933

TABLE III.

Annual Report of Deaths from All Causes in the City of Baltimore for the Year 1895.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
A.													
Abscess, hepatic	1		1	1	1		2	1	1		2	1	11
" lumbar	1								2				3
" pericharidial	1												1
" of groin	1												1
" of neck		1									1		2
" cerebral		1	1		1	1		1					5
" perineal		1		1									2
" psoas		1		1									2
" pelvic		1									1		2
" of throat				1									1
" maxillary				1									1
" of hip				1									1
" of stomach				1									1
" of ear						2							2
" of jaw						1							1
" perirectal						1							1
" " spine								1		1			2
" peritoneal									1				1
" parotid												1	1
" of kidney												1	1
" ovarian												1	1
Anæmia	1		2	2		2	1		3	1		1	13
" pernicious	1	1	1		1	1	1	1		2	2	1	12
Angina pectoris	4	3	3	5	2	2	3		2	5	1		30

Aneurism of aorta	2	1	2		1		2			1	1	2	12
Apoplexy	22	31	18	19	23	30	22	21	11	15	35	35	282
Asphyxia	4	2	1			4	1	1	2	2	3	4	24
Asthma	5	7	6	8	8	5	4	3	10	4	5	4	69
Asthenia	4	7	1	4	2	2	3	3	3	5	3	4	41
Atrophy	3			2	2	1	3	2		1			14
Adynæmia	1	1								1	1		4
Atelectasis pulmonum	8	1	5	1	1	1	4		1		2	1	25
Albuminuria		4	1	1	1						1	1	9
Appendicitis		2	4	3		1	1	2	1	1	2	1	18
Ascites					1			1				1	3
Addison's disease									1				1
Abortion, criminal										1			1
Arthritis										1			1
Atheroma											1		1
B.													
Bright's disease	10	13	18	22	24	22	20	19	14	22	11	23	218
Burns	6	6	6	2	6	1	5	3	3	5	7	7	57
C.													
Capillary bronchitis	9	16	12	11	9	2	2	2	2	6	8	14	93
Child-birth	1	3	2	1		1	2			1	1	1	13
Cholera infantum	1		1		1	55	261	110	66	10	3	2	510
" morbus						3	8	3	2	1			17
Cirrhosis of liver	5	2	5	8	1	2	5	6	6	3	6	5	54
Concussion of brain	2			1	1	1	1	1					7
Congestion of brain	4	4	7	4	1	7	6	7	4	4	1	3	52
" of lungs	10	6	9	4	3		2	7	2	8	8	11	70
" of liver	1									1			2
Consumption of lungs	96	101	107	108	88	87	88	77	92	84	93	120	1,141
" of bowels			1		2				1				4

TABLE III—Continued.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
Convulsions	28	34	23	25	23	22	26	22	26	17	21	26	293
" puerperal	2	6		2	1		3	3	1			1	19
Croup	1	4	5	5	1	1	1	2	1	7	9	8	45
Carbuncle	2			1	2				2			1	8
Coryza	1												1
Cyanosis	1	3	3	2	2	2	6	1	1	6	2	6	35
Calculus	2	1		1	1			2	1	1			9
Congestive chill		1									2		3
Colic, bilious		1	1										2
Catarrh			1							1		1	3
Cellulitis			2	1	3					1			7
Cleft palate				2									2
Colic				1		1		1					3
Chorea				1						1			2
Caries of rib					1								1
Colic, hepatic											1		1
Cancer of stomach	3	5	8	6	6	2	8	7	11	8	7	9	80
" of rectum	1			1	1		1	1	1		1	3	10
" of liver	4	5	1	1	4	1	4	1	2		3	4	30
" of cervix	1			1									2
" of bladder	2					1	1		1				5
" of breast	3	3		3	3	3	3	1	3	5	5	4	36
" of antrum	1												1
" of uterus	4	5	6	3	6	4	5	9	4	6	1	5	58
" ovarian	1			1			1				1		4
" of pelvis	1												1
" of bowels		1	1								1		3
" of pharynx			1						1				2

Cancer of abdomen	1	3	1		1		3	3	1	13
" of lip	1		1		1					3
" of thorax	1		1							2
" of mouth	1		1							2
" of orbit	1									1
" of tongue	1								2	3
" of face		2	2						1	5
" of œsophagus		1			1					2
" of hip		1								1
" of cæcum		1						1		2
" of eye			1				1			2
" of colon			1			1			2	4
" of throat			1							1
" of jaw				1	1		1	1	1	2	7
" of thigh				1							1
" of neck				1	3	1					5
" of kidney					1				1	1	3
" diffused					1						1
" of ear						1					1
" of duodenum						1					1
" of spleen						1					1
" of pylorus							1				1
" of axilla								1			1
" of testicle								1			1
" multiple								1			1
" of thyroid gland									1		1
" recto-peritoneal									1		1
" of spine										1	1
" of brain										1	1
" of vulva										1	1

TABLE III—Continued.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
D.													
Dentition	9	1	8	6	3	15	23	7	7	5	4	7	95
Diabetes	6	2	2	2	4	3	3	2	2	5	3	5	39
Diarrhœa	1	4	3	4	2	8	23	22	11	7	1	3	89
Diphtheria	25	18	12	13	11	16	13	22	27	23	38	47	265
Disease of heart	47	35	25	44	37	42	43	26	30	43	44	40	456
" of hip									1				1
Dropsy, general	4	3		4	4	5	4	5	1	1	2	3	36
" cardiac		3	1					1					5
Drowned	1		1	7	1	4	9	6	5	8	1	1	44
Dysentery	2			3	4	1	19	16	14	5	3	3	70
Delirium-tremens			1		1								2
Dyspepsia								1	2				3
Debility											2		2
Disease of spine												1	1
E.													
Epilepsy	2		2	3	4	1	1	2	1		2	1	79
Endocarditis	6	5	1	7	4	9	4	15	5	4	5	12	77
Erysipelas	3	4	3	1	2	1	2		3		3	2	24
Exposure	2	1	2				1						6
Electric shock		1	1					1	2				5
Entero-colitis		1	1	4	3	7	35	30	27	13	3	3	127
Embolism		1							1	1	1		4
Eczema		2		1									3
Enlargement of spleen				1									1
Extravasation of urine					1								1
Enlargement of liver						1							1
Epistaxis											1		1

F.

Fever, puerperal	3	2	1			1		1		1		2	11
" scarlet	9	9	6	7	4	5	4	2	3	3	1	6	59
" typhoid	11	11	6	9	7	3	24	12	27	31	19	13	173
" typho-malarial	2	1	1		1	3	3	3	3	2			19
" malarial		1				2	2	4	5	2	4	2	22
" intermittent		1	1			1	1		3				7
" remittent			2		1		2	5		4	2		16
Fistula							1					1	2
Fracture of vertebræ	2	1	1					1			1		6
" of skull	6	1	1	4	6	3	4	2	2	2	2	3	36
" of femur		3	1		1	2	1					1	9
" of ribs					1								1
" of leg												1	1

G.

Gall stones	2	1	1				1	1				3	9
Gangrene, senile	1	1	1	2	1	4	1	1	1			5	19
" of foot	1	1										1	3
" of leg						1				1			2
" of penis								1					1
" of scrotum									1				1
Gastro-enteritis	6	1	4	4	11	12	45	34	40	12	9	6	184
Gout		1											1
Gangrene of lungs												1	1

H.

Hernia, inguinal	1												1
" strangulated	1			1	2		4		2	2	4	2	18
Hæmetemesis	1	1											2
Hemorrhage of navel	1	1			1		1					1	5

TABLE III—Continued.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
Hemorrhage of brain	7	6	3	7	5	3	8	4	5	2	3	8	61
" of lungs	1				1		1	2	3	3	1	3	15
" of bowels		1	1										2
" of stomach			1	2		2				3			8
" of uterus											2		2
" of kidney					1								1
" post-partum			1			1					1		3
Hydrocephalus		1	2	2	2	3	5	3	1	1	1		21
Hernia						1							1
Hæmaturia						1							1
Hernia, umbilical							1						1
Hemorrhoids								1					1
Hysterectomy											1		1
Hæmatophilia											2		2
I.													
Inanition	20	11	17	15	13	22	23	15	17	10	14	22	199
Indigestion	2		1	2	1	2	7		3	2	2		22
Insanity	1		1				2	1		1		1	7
Inflammation of brain	3		1		2			2	1	4	1	3	17
" of bladder	4	4	1		1		2	2	3		2	2	21
" of bowels	6	3	4	2	2	1	23	14	2	10	5	5	77
" of stomach	10	2	11	3	7	10	13	9	16	5	6	2	94
" of bronchi	30	44	37	32	20	11	10	15	10	23	18	24	274
" of kidneys	19	21	14	19	22	18	21	14	15	17	18	34	232
" of larynx	3	2	2	2	2				2	4	2	3	22
" of liver	1	3				1	1	1	1		1		9

Inflammation of pericardium	2	3	4	1	4								14
" of peritonæum	6	2	5	6		6	7	4	6	10	8	7	67
" of pleura	7	3	2	4	2	2	1	2	1		3	3	30
" of tonsils		1	2		3				1				7
Influenza	11	42	70	36	14	3	3	2			3	1	185
Intussusception	2			2	1		1		2	1			9
Intemperance	1	2	2	4	1		2	3	3	3	2	5	28
Infanticide	1												1
Ischuria		1			2	1	1	1	2			1	9
J.													
Jaundice		2	4	3	2	1	3	1	1	1		1	19
L.													
Laparotomy	2	1	2	1	3	2	1	1		1	2	1	17
Lymphadenoma		1							2			2	5
Leucæmia										1	1		2
M.													
Mumps	1							1					2
Multiple neuritis	1				1		1				2		5
Marasmus	25	19	24	18	24	19	46	35	59	33	21	13	336
Meningitis	13	9	12	12	13	11	23	20	18	17	10	8	166
" tubercular	3	6	9	6	7	3	4	3	7	6	3	7	64
" cerebro-spinal	4	1	2	3	3	2	5	1	1	2	3		27
Murder	1	2	2	1	2	1	2	1		1		2	15
Myelitis		1	1	3		4	2	1			1		13
Measles		2		4	4	10	13	5	1	2	5	22	68
Myxœdema			1										1
Malformation						1	1		1				3
Malaria									1	1		1	3
Miscarriage												2	2

TABLE III—Continued.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
N.													
Nephrolithotomy	1												1
Neurasthenia		1	1		1	1	2	1			1	1	9
Noma								1					1
Necrosis, femur									1				1
Neuralgia									1	1			2
O.													
Old age	37	38	27	28	24	15	20	26	23	28	20	31	317
Ovariotomy		1			1					1			3
Otitis				1		1			1	1			4
Oedema of lungs					2			1	1		2	2	8
Osteitis											1	1	2
P.													
Paralysis	23	19	31	12	17	23	19	16	17	19	14	29	229
Pneumonia	82	147	104	91	48	41	24	29	26	60	66	115	833
" broncho	6	11	12	6	4	3	2	2	2	2	5	10	65
" pleuro	2	5	3	3	2	1				2	1	1	20
" typhoid		3	1	3		1		1		1	2	3	15
Poison	3		2	1	1	1	1	1	2	3	1	2	18
Progressive locomotor ataxia	2	1	1	1	1	1		1	1		1	2	12
Premature birth	17	14	16	14	19	22	24	15	15	22	12	22	212
Puerperal peritonitis	5	7	5	4	1	1		1	1	2	2	3	32
" septicæmia	4	3	4	1	1	2		1	1		2	3	22

Puerperal metritis			1										1
Purpura Hæmorrhagica	1				1			1				2	5
Pott's disease		1	1					1					3
Pyelitis		1						2	1			1	5
Prolonged labor			1					1	2			1	5
Pyasalpinx				1	1			1					3
Pregnancy, extra uterine				1									1
Placenta praevia					3		1				1		5
Prostratitis					1				2			1	4
Pyaemia						1	1		2			2	6
Pemphigus						1					1		2
Phlebitis						1							1
R.													
Rheumatism	4	3	3		3	4		4	2	2	4	6	35
" inflammatory	1		1	1					1				4
S.													
Stricture of bowels	2	1	2	2	1	3	4	5		1		4	25
" of oesophagus	1						1						2
Softening of brain	4	3		3	7	4	7	2	2	5	4	1	42
Suffocation by coal gas	2												2
Suffocation by illuminating gas		3		1		1	1		1	2			9
Sclerosis of spine	1							1					2
Septicaemia	2	1	1		2	5	1	4	1		1	3	21
Suicide	2	3	6	3	6	5	5	4	2	4	1	2	43
Scalds		1	1	1						1	2	1	7
Syphilis	8	3	4	4	3	3	3	2	2	5	4	5	46
Scrofula			1		1	1		1		1	2		7
Spina bifida				1				1	2			1	5
Sapraemia				1									1

TABLE III—Concluded.

Causes of Death.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
Sunstroke					2	57	1	3	1				64
Stricture of urethra										2			2
Synovitis											1	1	2
Salpingitis												1	1
Suffocation												23	23
T.													
Tetanus	2	2			3	1		2	2	1	1	2	16
Trismus nascentium	6	2		2	2	3	3	4		4	3	2	31
Tumor cerebral	1								3		2		6
" ovarian		3	1	1		3	2	1	1	1			13
" duodenal		1											1
" uterine				1									1
Thrombosis		1				2							3
Tabes mesenterica								2	1	1			4
U.													
Ulcer of stomach	3	1	3	1	3		1		1	1	3	1	18
" of navel	1												1
" of leg				1								1	2
Unknown	3	1	3	5	2	1	4	1	5	2	7	5	39
Uraemia		1	3	1	2		5	4	3	4	3	5	31
Ulcer of ear												1	1
W.													
Whooping cough	5	11	6	6	2	2	11	5	8	10		2	68
Wounds by cars	1	5	1	1	1	1	4	4	6	2	5	4	35
" crushed	1	4		2	4		3	3	2	3	1	1	24
" by fall	2	3	9		3	3	5	8	2	2	4	1	42
" by pistol shot	1		1			1					1	1	5
" by gunshot				1					2	1	1		5

TABLE IV.

DEATHS DURING THE YEAR 1895 IN MONTHLY PERIODS, AND BY SEX, COLOR AND NATIVITY.

	NATIVE WHITE.			FOREIGN WHITE.			WHITE.			COLORED.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	MALE.	FEMALE.	TOTAL.
January....	255	257	512	77	75	152	332	332	664	95	82	177	427	414	841
February...	239	284	523	77	78	155	316	362	678	118	108	226	434	470	904
March.....	228	242	470	86	80	166	314	322	636	123	97	220	437	419	856
April.....	222	216	438	78	71	149	300	287	587	99	115	214	399	402	801
May.....	224	178	402	74	62	136	298	240	538	84	75	159	382	315	697
June.....	222	215	437	87	62	149	309	277	586	94	103	197	403	380	783
July.....	419	358	777	66	53	119	485	411	896	136	146	282	621	557	1,178
August.....	306	254	560	61	63	124	367	317	684	102	87	189	469	404	873
September..	281	234	486	69	61	130	350	295	645	100	105	205	450	400	850
October.....	258	236	494	56	59	115	314	295	609	89	92	181	403	387	790
November..	219	231	450	70	63	133	289	294	583	81	77	158	370	371	741
December...	298	303	601	97	80	177	395	383	778	92	117	209	487	500	987
	3,171	3,008	6,179	898	807	1,705	4,069	3,815	7,884	1,213	1,204	2,417	5,282	5,019	10,301

TABLE V.

SHOWING TOTAL DEATHS, AND DEATHS FROM ZYMOTIC DISEASES FOR 20 YEARS, WITH PERCENTAGE, FROM 1875 TO 1895, INCLUSIVE.

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Totals.
Total deaths exclusive of still births	7,258	7,398	7,910	6,733	7,618	8,043	8,816	8,923	9,380	8,293	8,153	8,339	8,372	8,936	8,703	10,198	10,073	10,582	9,554	9,486	10,301	183,069
Death rate	22.33	22.38	22.60	18.44	19.30	20.41	22.37	21.81	22.93	20.27	19.55	19.98	19.16	17.87	17.40	22.41	22.14	23.25	20.99	20.84	20.76	
Still births	560	588	538	655	620	636	651	677	701	746	650	718	669	694	784	800	811	813	770	721	666	14,468
Rate of still births to 1,000 inhabitants	1.70	1.75	1.53	1.79	1.57	1.61	1.65	1.71	1.71	1.82	1.59	1.72	1.60	1.63	1.84	1.75	1.78	1.78	1.69	1.58	1.34	
DEATHS FROM ZYMOTIC DISEASES.																						
Diphtheria and croup	238	249	557	452	384	476	881	929	792	470	400	318	302	216	206	319	394	428	210	231	310	8,762
Fever, scarlet	519	562	447	141	80	400	215	179	334	104	68	32	36	44	71	42	128	258	36	85	59	3,840
" typhoid	187	176	201	175	367	196	197	165	126	151	155	150	156	161	191	247	150	193	224	222	173	3,963
" cerebro spinal	53	25	17	26	1	26	37	38	42	20	24	24	19	22	18	31	18	38	59	26	27	591
Whooping cough	78	39	303	63	80	148	93	43	59	120	63	91	98	112	54	100	103	32	60	112	68	1,919
Measles	15	43	151	11	43	12	75	71	130	228	16	201	85	176	11	248	16	120	39	3	68	1,762
Small-pox	1	.....	.....	1	1	1	11	551	663	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,201
Total zymotic diseases	1,091	1,094	1,676	869	956	1,259	1,509	1,976	2,116	1,094	726	817	696	731	551	987	809	1,069	628	679	705	22,038
Per centage of zymotic deaths to total mortality	15.03	14.59	21.18	12.90	12.53	15.65	17.11	22.14	22.55	13.61	8.90	9.79	8.44	8.18	5.88	9.67	8.03	10.10	6.57	7.15	6.84	

TABLE VI.

1895—Ages.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Under 1 year	187	190	180	166	139	230	542	286	278	199	144	193	2,734
Between 1 and 2 years	47	66	53	54	38	48	91	91	64	63	59	65	739
" 2 " 5 "	38	50	43	45	37	33	38	44	47	36	56	86	553
Total under 5 years	272	306	276	265	214	311	671	421	389	298	259	344	4,026
Between 5 and 10 years	25	20	19	21	23	11	33	20	19	30	25	36	282
" 10 " 15 "	10	8	11	17	15	16	14	17	11	12	14	20	165
" 15 " 20 "	26	28	28	32	24	22	20	31	24	23	24	33	315
" 20 " 30 "	72	72	73	65	63	53	68	52	64	56	68	69	775
" 30 " 40 "	69	81	90	70	62	59	68	52	61	77	63	96	848
" 40 " 50 "	87	92	71	64	64	73	76	62	65	67	64	92	877
" 50 " 60 "	68	75	73	73	76	57	67	63	84	64	67	82	849
" 60 " 70 "	94	87	91	81	75	60	85	59	58	74	70	90	924
" 70 " 80 "	71	69	74	72	51	82	50	63	57	64	56	89	798
" 80 " 90 "	41	57	44	39	24	31	23	26	16	23	27	28	379
" 90 " 100 "	5	8	6	2	6	6	2	7	2	2	3	8	57
" 100 " 110 "	1	1	.....	.....	.....	2	1	.....	.....	.....	1	.....	6
Totals	841	904	856	801	697	783	1,178	873	850	790	741	987	10,301

TABLE VI—Concluded.

1895—Nativity.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
United States—White males	255	239	228	222	224	222	419	306	281	258	219	298	3,171
" " " females	257	284	242	216	178	215	358	254	234	236	231	303	3,008
Foreign—White males	77	77	86	78	74	87	66	61	69	56	70	97	898
" " females	75	78	80	71	62	62	43	63	61	59	63	80	807
Colored males	95	118	123	99	84	94	136	102	100	89	81	92	1,213
" females	82	108	97	115	75	103	146	87	105	92	77	117	1,204
Totals	841	904	856	801	607	783	1,178	873	850	790	741	987	10,301
Still births	71	53	58	68	50	48	63	53	44	44	74	50	666
Marriages	315	291	301	261	306	462	312	352	487	469	488	403	4,447
Births reported	780	837	679	667	682	625	795	764	907	981	560	782	9,059

Population estimated by police census, 496,315; white, 422,568; colored, 73,747; total, 496,315. Total mortality during the year, 10,301; United States, white, 6,179; foreign, 1,705; colored, 2,417; total, 10,301. Annual death rate, per 1,000, whole population, 20.76; white, 18.63; colored, 32.66. Total births reported, 9,059; birth rate per 1,000 population, 18.26. Total marriages, 4,447; marriage rate per 1,000 population, 8.965. Total still births, 666.

TABLE VII.

1895—Births.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
White males	338	392	285	311	270	281	353	319	376	407	247	363	3,942
" females	324	364	274	252	273	228	339	317	391	398	244	321	3,725
Total	662	756	559	563	543	509	692	636	767	805	491	684	7,667
Colored males	62	39	69	55	69	63	55	64	77	93	39	57	742
" females	56	42	51	49	70	53	48	64	63	83	30	41	650
Total	118	81	120	104	139	116	103	128	140	176	69	98	1,392
Grand total	780	837	679	667	682	625	795	764	907	981	560	782	9,059

TABLE VIII.

Total Number of Deaths Monthly in Each Ward.

Wards.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	T'ls.
First	39	36	49	39	34	45	62	61	45	34	43	47	534
Second	40	33	29	34	24	26	57	63	43	37	21	30	437
Third	33	39	36	31	42	28	43	30	36	37	26	31	412
Fourth	28	39	16	28	25	20	45	18	28	34	19	44	344
Fifth	24	31	39	22	29	30	48	23	20	29	30	30	355
Sixth	71	57	56	70	57	68	116	83	66	72	74	89	879
Seventh	49	52	47	55	38	46	64	45	49	49	37	50	581
Eighth	46	52	48	26	27	36	52	50	42	36	29	46	490
Ninth	26	50	25	40	39	43	31	35	30	37	38	50	444
Tenth	29	32	25	31	24	31	22	16	22	20	16	39	307
Eleventh	37	46	45	47	22	43	47	28	48	31	22	38	454
Twelfth	58	59	65	68	62	56	82	54	57	42	45	53	701
Thirteenth	32	24	30	29	38	31	30	29	34	19	28	39	363
Fourteenth	40	35	38	31	29	39	43	27	24	31	39	40	416
Fifteenth	31	31	19	11	13	24	36	34	25	15	30	20	289
Sixteenth	19	24	12	29	24	21	23	16	23	14	14	23	242
Seventeenth	50	69	39	39	29	41	77	55	55	66	55	55	630
Eighteenth	47	41	60	44	40	29	84	66	62	43	49	68	633
Nineteenth	43	38	62	51	34	43	60	42	51	52	44	61	581
Twentieth	37	43	55	22	25	32	42	27	33	23	28	37	404
Twenty-first	28	24	28	21	17	24	49	25	23	34	17	36	326
Twenty-second	34	49	33	33	25	27	65	46	34	35	37	61	479
Totals	841	904	856	801	697	783	1,178	873	850	790	741	987	10,301

TABLE IX.

SALARY ACCOUNT FOR THE YEAR 1895. APPROPRIATION, $44,800.

	DR.
To 12 warrants on Comptroller	$44,750 39
To 12 warrants on Comptroller	$44,750 39
To balance unexpended	49 61
	$44,800 00

	CR.
By voucher—January 2	$3,174 92
" " February 2	3,174 92
" " March 1	4,850 12
" " April 1	3,174 92
" " May 1	3,155 47
" " June 1	4,850 12
" " July 1	3,174 92
" " August 1	3,174 92
" " September 2	4,820 12
" " October 1	3,174 92
" " November 1	3,174 92
" " December 2	4,850 12
By vouchers	$44,750 39
By unexpended balance	49 61
	$44,800 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE X.

GENERAL HEALTH ACCOUNT FOR THE YEAR 1895. APPROPRIATION, $16,000. SALE OF VIRUS, $7. TOTAL, $16,007.

	Dr.			Cr.
To 440 warrants on Comptroller	$14,023 51	By 69 vouchers	Watchman at dump	$1,035 00
		" 38 "	Expenses of morgue	361 51
		" 24 "	Sundry small bills	270 60
		" 14 "	Date stamps & typewriting	90 40
		" 2 "	Printing annual reports and maps	525 80
		" 8 "	Food inspection	282 15
		" 8 "	Repairs of cemeteries	330 92
		" 2 "	Sewer at Presbury street	103 53
		" 2 "	Salt for sewer mouths	125 40
		" 12 "	Vaccine virus	744 00
		" 2 "	Removal of night-soil	42 00
		" 21 "	Advertising & subscriptions	124 64
		" 3 "	Small-pox cases	76 02
		" 7 "	Acid for disinfectants	489 30
		" 4 "	Shell lime	90 00
		" 29 "	Livery	509 50
		" 25 "	Postage stamps and cards	320 00
		" 17 "	Repairs of wagons	389 86
		" 12 "	Interments, East'n District	2,037 25
		" 12 "	" West'n District	2,668 25
		" 12 "	House rent, Mrs. Ryan	144 00
		" 5 "	Ice and coal for dumps	35 75
		" 41 "	Extra postage due	100 58
		" 7 "	Sulphur for fumigation	23 90
		" 4 "	Rental of telephones	359 25
		" 23 "	Coffins, Western District	1,504 25
		" 12 "	" Eastern District	1,032 75
		" 20 "	Expenses fumigation	164 90
		" 4 "	Clothing and bedding	34 00
		" 1 "	License for wagons	8 00
To 440 warrants on Comptroller	$14,023 51	By 440 vouchers		$14,023 51
To unexpended balance	1,983 49	By balance unexpended		1,983 49
	$16,007 00			$16,007 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XI.

NUISANCE AND SEWERS ACCOUNT FOR THE YEAR 1895. APPROPRIATION, $13,000.

Dr.		Cr.	
To 130 warrants on Comptroller	$12,952 30	By 49 vouchers—M. F. Gorman	$6,314 52
		" 47 " Henry Paff	6,162 16
		" 11 " Livery	218 25
		" 5 " Rubber Company	150 75
		" 18 " Tools and repairs	106 62
To 130 warrants on Comptroller	$12,952 30	By 130 vouchers	$12,952 30
To unexpended balance	47 70	By balance unexpended	47 70
	$13,000 00		$13,000 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XII.

QUARANTINE HOSPITAL ACCOUNT FOR 1895. APPROPRIATION, $18,000.

DR.		CR.	
To 147 warrants on Comptroller	$17,003 27	By 12 vouchers—Pay rolls	$11,700 00
		" 4 " Insurance	421 90
		" 10 " Ice	142 70
		" 4 " Feed	221 05
		" 2 " Medicines	19 10
		" 9 " Furniture and linen	151 16
		" 1 " Thermometers	6 00
		" 16 " Steamer *Hygeia*, repairs	637 26
		" 12 " Coal for steamer *Hygeia*	477 00
		" 1 " Subscription	3 00
		" 1 " Flags	38 25
		" 2 " Coal for hospital	402 30
		" 12 " Market supplies	1,252 30
		" 15 " Seeds and fertilizers	120 04
		" 16 " Engineer's supplies	422 01
		" 4 " Sundry small bills	101 46
		" 12 " Groceries	704 18
		" 4 " Harness and repairs	19 05
		" 1 " Wagon repairs	8 00
		" 4 " Lumber	90 92
		" 4 " Hardware	52 36
		" 1 " Clothing furnished	13 23
To 147 warrants on Comptroller	$17,003 27	By 147 vouchers	$17,003 27
To unexpended balance	996 73	By balance unexpended	996 73
	$18,000 00		$18,000 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XIII.

SALARY ACCOUNT FOR POST-MORTEM MEDICAL EXMINATIONS FOR 1895. APPROPRIATION, $1,500.

	Dr.		Cr.
To 24 warrants on Comptroller	$1,500 00	By 12 vouchers—N. G. Keirle, M.D.	$1,000 00
		" 24 " —J. B. Schwatka, M.D.	500 00
To 24 warrants on Comptroller	$1,500 00	24 vouchers	$1,500 00

TABLE XIV.

NUISANCE AND SEWER ACCOUNT, CITY ANNEX, FOR 1895. APPROPRIATION, $2,000.

	Dr.		Cr.
To 20 warrants on Comptroller	$1,909 75	By 8 vouchers—George Rinehart	$665 00
		" 8 " George E. Brown	651 00
		" 3 " Henry Paff	460 97
		" 1 " M. F. Gorman	132 78
To 20 warrants on Comptroller	$1,909 75	By 20 vouchers	$1,909 75
To unexpended balance	90 25	By balance unexpended	90 25
	$2,000 00		$2,000 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XV.

ACCOUNT FOR THE REMOVAL OF FILTH FROM DOCKS FOR THE YEAR 1895. APPROPRIATION, $3,000.

	Dr.		Cr.
To 26 warrants on Comptroller	$2,961 78	By 20 vouchers—pay rolls	$2,843 00
		" 4 " nets and tools	18 20
		" 1 " scow	15 33
		" 1 " M. W. Adams	85 25
To 26 warrants on Comptroller	$2,961 78	By 26 vouchers	$2,961 78
To unexpended balance	38 22	By balance unexpended	38 22
	$3,000 00		$3,000 00

TABLE XVI.

ACCOUNT FOR REMOVING REFUSE FROM PACKING HOUSES FOR 1895. APPROPRIATION, $5,000.

	Dr.		Cr.
To 2 warrants on Comptroller	$5,000 00	By 1 voucher—M. W. Adams	$2,916 67
		" 1 " M. W. Adams	2,083 33
To 2 warrants on Comptroller	$5,000 00	By 2 vouchers	$5,000 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XVII.

SALARY ACCOUNT FOR CITY ANNEX FOR 1895. APPROPRIATION, $3,800.

	Dr.		Cr.
To 12 warrants on Comptroller	$3,799 84	By 1 voucher—January	$266 64
		" 1 " February	266 64
		" 1 " March	416 68
		" 1 " April	266 64
		" 1 " May	266 64
		" 1 " June	416 68
		" 1 " July	266 64
		" 1 " August	266 64
		" 1 " September	416 68
		" 1 " October	266 64
		" 1 " November	266 64
		" 1 " December	416 68
To 12 warrants on Comptroller	$3,799 84	By 12 vouchers	$3,799 84
To unexpended balance	16	By unexpended balance	16
	$3,800 00		$3,800 00

V. BURGESS HINES, *Secretary Board of Health.*

TABLE XVIII.

STATEMENT OF APPROPRIATIONS TO, EXPENDITURES BY, AND UNEXPENDED BALANCES OF THE HEALTH DEPARTMENT FOR THE YEAR 1895.

Appropriations.	
Salaries	$44,800 00
General health	16,000 00
Nuisance and sewers	13,000 00
Quarantine	18,000 00
Post-Mortem Medical Examiners	1,500 00
Removing filth from docks	3,000 00
Removal of canning-house refuse	5,000 00
Expenditures.	
Salaries	44,750 39
General health	14,023 51
Nuisance and sewers	12,952 30
Quarantine	17,003 27
Post-Mortem Medical Examiners	1,500 00
Removing filth from docks	2,961 78
Removal of canning-house refuse	5,000 00
Unexpended Balances.	
Salaries	49 61
General health	1,983 49
Nuisance and sewers	47 70
Quarantine	996 73
Removing filth from docks	38 22
CITY ANNEX.	
Appropriations.	
Salaries	3,800 00
Nuisance and sewers	2,000 00
Expenditures.	
Salaries	3,799 84
Nuisance and sewers	1,909 75
Unexpended Balances.	
Salaries	16
Nuisance and sewers	90 25

V. BURGESS HINES, *Secretary Board of Health.*

REPORT

OF THE

Assistant Commissioner of Health.

REPORT.

HEALTH DEPARTMENT—CITY HALL,

BALTIMORE, January 2, 1896.

Dr. James F. McShane, President of the Board of Health and Commissioner of Health:

SIR.—I have the honor to submit herewith the report of the work performed by the Health Department for the year ending December 31, 1895:

It will be seen by reference to Table A that eleven thousand seven hundred (11,700) inspections have been made.

From steamships arriving at this port there have been taken ten thousand four hundred and fifty-one (10,451) mattresses, the material of which is removed to the old Quarantine grounds, where under the supervision of this department it is incinerated. This precaution is taken in order that there may be no possible dissemination of disease that may have existed among the emigrants on their voyage to this port.

The sanitary inspectors, in every instance, have performed their duties in a satisfactory manner.

From under gutter-plates and sewer inlets eight thousand eight hundred and sixteen (8,816) cart loads of filth, refuse, etc., were removed from January 1 to December 1. After this date, this work was transferred to the Street Cleaning Department.

Improperly drained lots, forming stagnant pools of water, being a menace to health, this department, in such cases as the exigency of the case required, would ditch and drain the lot so as to allow the stagnant water to run off, in order to better preserve the health of the city.

Thirty (30) tons of carbolate of lime were manufactured by and for the use of this department, and the same was distributed by the Superintendent of Sewers.

In my last report I made reference to the condition of alleys in the rear of dwellings.

These alleys are the source of frequent complaint. At present the paving, to a great extent, is laid with cobblestones, which soon sink, forming ruts and holes, which allow the house drainage to collect. This drainage soon becomes foul and offensive, thus creating a nuisance.

In my opinion this can be remedied if owners of property could be induced to pave these alleys with some smooth material or improved pavements.

If an ordinance was passed making it compulsory upon property-holders to use an improved pavement in these alleys in the future, the public would be greatly benefitted and the health of the city promoted.

I respectfully call your attention to another source of nuisance with which this department has to contend—that is, the joint privy well. In a number of instances two or more pieces of property have but one well, which frequently becomes full and overflowing.

The department then notifies the respective owners or agents to abate the nuisance. Owing to an agreement among themselves as to who shall attend to the cleaning of the well being misconstrued, causing dissension and delay, the department is retarded in its efforts to abate the nuisance, and frequently legal proceedings are necessary to accomplish this end; I would, therefore, respectfully suggest that the City Council be requested to pass an ordinance prohibiting the establishment of any joint privy well, and making it mandatory that each property be provided with its individual well.

Another source of complaint is the storing, for future sale by private parties, stable manure at certain depots. Persons living adjacent to these localities justly complain of this nuisance, and the owners should be compelled to remove and store it at some remote section not within the city limits.

Owing to the gratifying fact that the city was free from any epidemic of smallpox, as visited us last year, the number of vaccinations was much smaller; this year the vaccine physicians made thirty-two thousand four hundred and fourteen (32,414) calls, and vaccinated twelve thousand nine hundred and ninety (12,990) persons.

The above work was done with great efficiency and in a most satisfactory manner.

Table G will show the work in detail performed by the Vaccine Physicians in their respective wards.

There was an increase of seven thousand one hundred and eighty-two (7,182) loads of night soil over the previous year, delivered at Foley's and Winan's dumps, making the amount this year ninety-seven thousand eight hundred and sixty-three (97,863) loads, containing in all nineteen million five hundred and seventy-two thousand six hundred (19,572,600) gallons.

From June 5 to October 17 there were removed from the harbor and various docks three hundred and forty-one (341) cart loads of filth and refuse.

This accumulation of filth occurs most frequently by the crews of boats, either carelessly or maliciously throwing large quantities of decayed fruit and vegetables into the harbor during the summer months. This department has made strenuous efforts to have this nuisance abated, and in several instances arrests have been made and penalties imposed through our prosecutions.

In conclusion, I take pleasure in commending the employees of this department for their zeal and promptness in performing the work assigned to them during the year. I also extend my thanks to the Police Department for their assistance and valued aid in the enforcement of the laws of this department.

To you, personally, for your many acts of courtesy during the year, I desire to express my thanks.

Very respectfully, your obedient servant,

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLES.

TABLE A.

Number of Nuisances Examined and Abated by Sanitary Inspectors During the Year 1895.

Alleys cleaned	250
" repaired	366
" paved	184
Premises cleaned	87
Vacant lots drained, filled and cleaned	115
Manure pits constructed	34
" " reconstructed and repaired	35
" " cleaned	58
Drain-pipes reconstructed and repaired	205
" cleaned	39
" laid	665
Yards cleaned	233
" drained	106
" repaired	100
" paved	37
Privies inspected and ordered cleaned	2,647
" reconstructed	147
" ventilated	25
Water-closets repaired and ventilated	67
Excavating apparatuses inspected	6
Cellars drained and filled	140
" cleaned	85
Slaughter-houses inspected	16
Stables reconstructed and cleaned	87
Water-pipes and hydrants repaired	117
Gutters repaired	106
Rain-spouts reconstructed	72
Grass and weeds removed from gutters	113
Ice-ponds examined and permits granted	7
" " " " refused	1
Tenements ordered cleaned and whitewashed	13
Samples of water collected for analysis	45
Number of cases of infectious diseases examined	3,655
Causes of death examined	8
Steamships examined	81
Mattresses destroyed from steamships	10,451
Scow-loads of refuse, etc., removed from steamships and destroyed	34
Sweat-shops examined	57
Complaints examined and no nuisance found to exist	261
Miscellaneous	430
Number of premises disinfected	1,088

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE B.

NUMBER OF NOTICES, ORDERS, ETC., ISSUED FROM THE HEALTH DEPARTMENT, AND NUMBER OF OFFICIAL LETTERS WRITTEN AND RECEIVED DURING THE YEAR 1895.

Number of notices issued to clean privies	45,257
" " " " " clean, repair, repave and pave yards	1,116
" " " " " bail, drain or fill cellars	1,004
" " " " " grade, pave and repair alleys	2,361
" " " " " drain or fill lots	837
Number of notices issued to reconstruct and ventilate water-closets and privies	708
Number of notices issued to clean grass and weeds from gutters, streets, etc	846
Number of notices issued to clean, properly construct manure pits and remove manure	742
Number of notices issued to repair hydrants and water-pipes	514
Number of notices issued to clean and reconstruct stables	475
Number of notices issued to construct proper drainage, repair and clean drain-pipes	687
Number of notices issued to disinfect premises	173
Number of notices issued to reconstruct and repair defective plumbing	426
Miscellaneous notices	241
Total	55,387
Number of permits issued to clean privies	77,329
Number of permits issued to clean privies at night	212
Total	77,541
Number of official letters written	973
Number of official letters received	896
Legal proceedings instituted for non-compliance with notices served	108

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE C.

NUMBER OF INTERMENTS IN THE EASTERN AND WESTERN PUBLIC CEMETERIES DURING THE YEAR 1895.

EASTERN PUBLIC CEMETERY. GEORGE RINEHART, *Superintendent.*		WESTERN PUBLIC CEMETERY. GEORGE E. BROWN, *Superintendent.*	
January	19	January	26
February	27	February	24
March	18	March	39
April	18	April	38
May	19	May	45
June	19	June	42
July	23	July	68
August	21	August	29
September	20	September	36
October	27	October	34
November	19	November	31
December	22	December	31
	252		443

Total number of interments during the year 1895..... 695

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE D.

NUMBER OF DEAD ANIMALS, ETC., REMOVED IN THE EASTERN AND WESTERN DISTRICTS DURING THE YEAR ENDING DECEMBER 31, 1895.

EASTERN DISTRICT. GEORGE RINEHART, *Superintendent.*		WESTERN DISTRICT. GEORGE E. BROWN, *Superintendent.*	
Dogs	5,756	Dogs	4,355
Cats	6,953	Cats	5,721
Rats	5,615	Rats	5,230
Chickens	4,267	Chickens	4,114
Ducks	345	Ducks	79
Geese	56	Geese	38
Goats	27	Goats	19
Sheep	17	Sheep	11
Calves	9	Calves	8
Hogs	18	Hogs	21
Horses and mules	2	Horses and mules	2
Fish	8,137	Fish	8,260
Crabs	7,185	Crabs	1,050
Decayed meat (pounds)	755	Decayed meat (pounds)	500
Decayed eggs (dozens)	458	Decayed eggs (dozens)	312

Total number of dead animals	33,764
" " of dead fowls	8,899
" " of dead fish and crabs	24,632
" " of pounds of decayed meats	1,255
" " of dozens of decayed eggs	770
Total number of cart loads of vegetable and other offal removed from docks	341

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE E.

SHOWING THE AMOUNT OF NIGHT SOIL DELIVERED AT FOLEY'S AND WINAN'S DUMPS FOR THE YEAR ENDING DECEMBER 31, 1895.

FOLEY'S WHARF, CANTON.	Loads.	Gallons.	WINAN'S WHARF, SPRING GARDENS.	Loads.	Gallons.
January	462	92,400	January	2,815	563,000
February	331	66,200	February	2,561	512,200
March	3,014	602,800	March	11,482	2,296,400
April	2,661	532,200	April	9,894	1,978,800
May	894	178,800	May	6,271	1,254,200
June	1,011	202,200	June	6,821	1,364,200
July	1,442	288,400	July	7,465	1,493,000
August	1,187	237,400	August	7,136	1,427,200
September	1,286	257,200	September	6,982	1,396,400
October	974	194,800	October	6,378	1,275,600
November	1,116	223,200	November	6,784	1,356,800
December	1,214	242,800	December	7,682	1,536,400
	15,592	3,118,400		82,271	16,454,200

Total number of loads delivered at both dumps..... 97,863
Total number of gallons delivered at both dumps..... 19,572,600

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE F.

TRANSCRIPTS FROM THE BIRTHS AND DEATHS FOR THE YEAR ENDING DECEMBER 31, 1895.

From the Records of Deaths.

For pension claims	439
For life insurance claims	607
To prove death	88
To be sent to foreign countries	67
Total	1,201

From the Records of Births.

For pension claims	142
To be sent to foreign countries	27
Total	169

HIRAM L. SPICER, M.D.,
Assistant Commissioner of Health.

TABLE G.

REPORT OF THE VACCINE PHYSICIANS FOR THE YEAR ENDING DECEMBER 31, 1895.

Wards.	Physicians.	Offices or Residences.	Number of Calls.	Number of Vaccinations	Primary.	Secondary.	Successful.	Failed.	Not Heard From.	Males.	Females.	Whites.	Colored.	Revaccinations	Certificates of Vaccinations Given.
1st	Wm.H.Schwatka	2429 Lancaster st.....	1,225	523	372	151	.....		523	283	240	522	1	..	419
2d.	N. L. Dashiell, Jr.	700 S. Broadway.....	1,053	497	307	190	237	70	190	285	212	447	50	..	1,209
3d.	Wm. H. Johnson	1916 E. Pratt st.....	1,152	528	425	103	298	101	129	246	282	502	26	..	257
4th	C. F. Maguire...	1729 E. Baltimore st.....	1,859	318	302	16	231	66	21	148	170	285	33	..	453
5th	Arth'r Wegafarth	805 Aisquith st.....	1,026	410	315	95	407	....	3	242	168	289	121	..	180
6th	F. A. Sauer.....	439 N. Central ave.....	3,295	707	650	57	510	10	187	360	347	640	67	..	.....
7th	G. H. Chabot ...	1111 E. Preston st.....	2,099	718	522	196	410	2	306	409	309	547	171	..	953
8th	Henry F. Cassidy	702 Greenmount ave.....	797	239	238	1	.....	....	239	98	141	200	39	..	275
9th	Wilbur C. Curry.	812 N. Calvert st.....	646	380	88	292	76	74	230	271	109	229	151	..	4
10th	August Horn ...	697 W. Mulberry st.....	1,191	732	244	488	241	....	491	360	372	327	405	..	584
11th	J. A. Gillis.....	437 W. Biddle st.....	2,300	502	420	82	224	35	243	237	265	98	404	..	325
12th	T. P. McCormick	1421 Eutaw Place.....	1,894	351	336	15	294	46	11	141	210	164	187	29	71
13th	Wm. Wolf.....	658 W. German st.....	754	428	213	215	365	34	29	193	235	347	81	..	144
14th	J. C. Wunder ...	1075 W. Fayette st.....	1,502	637	466	171	480	73	84	344	293	508	129	1	376
15th	Wm. B. Burch..	509 Hanover st.....	1,137	537	365	172	117	35	385	272	265	385	152	..	382
16th	Joseph Blum ...	641 Columbia ave.....	576	433	255	178	201	82	150	259	174	336	97	..	380
17th	Henry Stark	1722 Druid Hill ave.....	4,475	2,092	1,986	106	1,602	100	390	1,212	880	1,980	112	..	3,980
18th	Harry Boyd	677 Columbia ave.....	1,184	947	749	198	427	86	434	466	481	773	174	..	501
19th	J. W. Linthicum.	1327 W. Fayette st.....	612	179	165	14	3	....	176	86	93	123	56	..	99
20th	Paul F. DeFord..	707 N. Gilmor st.....	602	500	423	77	.....	1	499	201	299	151	349	1	948
21st	Morris Shanks...	Parkdale & Woodb'y aves.	1,620	689	495	194	.....	....	689	347	342	634	55	..	346
22d.	H. G. Prentiss...	809 Gorsuch ave.....	1,415	643	442	201	101	67	475	334	309	410	233	..	672
			32,414	12,990	9,778	3,212	6,224	882	5,884	6,794	6,196	9,897	3,093	31	12,558

HIRAM L. SPICER, M.D., *Assistant Commissioner of Health.*

REPORT OF THE CHEMIST.

REPORT.

HEALTH DEPARTMENT—CITY HALL,

BALTIMORE, January 8, 1896.

James F. McShane, M.D., Commissioner of Health:

SIR.—The following report of the work done by the Chemist to the Board of Health and the Food Inspectors for the year ending December 31, 1895, is respectfully submitted:

The Chemist made 44 microscopical examinations and 376 chemical examinations, of which latter 334 were of milk samples, 38 of water, and 1 each of canned lobster, sausage, cake and pickles. Seventeen cases of sudden illness reported to the Health Department caused the examination of the pickles, samples of which were taken from the barrel in the grocery store from which the pickles were purchased. Both the pickles and the surrounding liquid in the barrel were found to be heavily charged with arsenic, and the symptoms of the sickness as detailed by the sick people were consistent with arsenic poisoning The whole barrel of pickles, from which only a few had been taken, were destroyed by the department. In two cases, both large charitable institutions, ten to twelve typhoid cases in each institution caused an examination of the milk and water supply. The chemical and microscopical examination of the milk caused a change of milk supply to be ordered, and with the change of milk supply the typhoid cases decreased, and the disease was finally stamped out by the attending physician. In both these cases the city dealer had received by rail from the country the milk which was delivered to these institutions. The authority of this department does not extend beyond the city limits, and in cases such as the two above-mentioned, where the typhoid seemed directly connected with the milk supply, I would suggest that authority be given to prevent the sale in the city of any milk by such dealer till he furnishes the City Health Department with a clean bill of health from each of his country shippers. A city milkman, whose residence and cow stable are within two blocks from Front-street Theatre, after giving a sponge-bath to a child sick with typhoid,

went directly to his cow stable to milk his cows for the evening supply, leaving four or five open vessels containing milk within fifteen feet of the cot upon which the sick child was lying. A poultry and milk dealer in the very centre of the city kept his milk supply in open cans on the earth floor of the cellar of his residence, and the chickens, which were kept loose in the cellar, were roosting on the open mouth of the full milk cans. These and many other instances point to the necessity of some legislation to prevent private houses, cellars, kitchens, and even sleeping-rooms, from being used as dairies.

In the milk received at the depots, bloody milk has several times been found, while live frogs, a mouse, leaves, decomposed celery, and dirt of various kinds, show that little care is taken as to the cleanliness of some of the milk shipped to the city. There are only two milk inspectors, and each has been daily assigned to duty at any time between daylight and dark to inspect milk received on incoming trains, or delivered from wagons, or sold in stores. The two inspectors have, during the year, examined 23,763 lots of milk, covering 132,646 gallons. Over seven and a half million gallons of milk are sold yearly in Baltimore. Each one of 226 cow stables, with 1,368 cows, within the city limits, have also been visited at least once. There are six railroad depots where milk is received every morning by train, and as most of these trains arrive about the same time, it is impossible, with the present force, to do more than visit each depot twice a week. But even that cannot be done, for the early morning wagons with full churns of milk, that enter the city by the different roads, have also to be looked after in the morning, as also the routes of city dealers that deliver from house to house, while the afternoon inspection has to look to stores, dairy lunches and evening delivery wagons. The present force of only two milk inspectors is inadequate, and could be doubled with benefit to the city.

There have been 23 arrests during the year; of these, three were for interfering with or refusing to give information to the inspectors, and of these, one was dismissed on payment of costs, and two were dismissed with reprimands. Of the 20 arrests on account of impure milk, ten were each fined $20 and costs by police magistrates, and one was dismissed as to a party who was only for the time in charge of the place where the milk was sold. Nine cases were taken to court, and of these, one was tried in the Criminal Court

before a jury, and the accused was fined $20 and costs. One case was stetted on payment of costs, and seven cases are pending.

Cow Stables.—There are within the present city limits 229 cow stables, containing 1,397 cows; of these, 158 stables, with 776 cows, are in the old city limits, and 71 stables, with 621 cows, are in the Annex. The accompanying data from the inspectors who visited these stables show the unsanitary condition of many of the 229 stables, and the filthy condition of nearly all of the 158 stables that are within the old city limits. Every one of the 776 cows that are kept within the old city limits should be removed before next summer's sun will again waft to the nostrils of nearby residents the odors from the putrid urine of these cows, which flows into the streets, lanes and alleys of the city, and there decomposes.

Milk Supply.—The city cows, fed on hay, brewer's grain, chop, refuse cabbage leaves, potato peelings, partly decomposed tomato peelings, and slop, milked in a stable with little or no ventilation, and amid the putrid exhalations from a urine-soaked floor, with manure piled up on the floor, and the house water-closet in many cases in the same shed with the cows, furnish 1,275,000 gallons of milk per annum. The railroads bring to the city about 5,500,000 gallons of milk, cream not included, and wagons from the surrounding country bring into the city about 850,000 gallons of milk, making a total of 7,625,000 gallons of milk per annum.

The standard for milk as fixed by the city ordinance requires that all milk sold, offered or kept for sale, shall be of a specific gravity of not less than 1.029 at 60° Fahrenheit, with not less than 12 per cent. total solids and 3 per cent. of butter fat, and also requires that the milk shall be clean, microscopically. There is no legal standard in any city or State of the United States that is lower than the standard adopted in Baltimore. Massachusetts has a much higher standard, and one of the Western States has, within the past few years, raised the standard and has enforced the higher standard with the advantage, as the report states, of freeing the State from the herds of "scrub cattle" that had been so prevalent.

Respectfully,

WILLIAM P. TONRY, PH.D., M.D.,

Chemist to the Board of Health.

TABLES.

ANALYSES REPORTED.—No. 316 to 691=376.

Chemical Analyses, 376; Microscopic Examinations, 44; total, 420.

1895.	Milk.	Water.	Other Analyses.	Total.	Micro-scopic Exam'ns.
January	19	2		21	4
February	11	1	Canned lobster (1).	13	0
March	42			42	3
April	43	1		44	5
May	38	10	Sausage (1)	49	0
June	39	3		42	4
July	46	5		51	5
August	32	3		35	4
September	17	2		19	3
October	12	6		18	6
November	19	3		22	6
December	16	2	Cakes (1), pickles (1)	20	4
	334	38	4	376	44

WILLIAM P. TONRY, Ph.D., M.D.,
Chemist to the Board of Health.

MILK EXAMINED AND SPILLED IN DIFFERENT PLACES.

1895.	In Railroad Stations.				In Delivery Wagons.				In Stores, Dairy Lunches, Etc.			
	Examined.		Spilled.		Examined.		Spilled.		Examined.		Spilled.	
	Lots.	Galls.	Lots.	Galls.	Lots.	Galls.	Lots.	Galls.	Lots.	Galls.	Lots.	Galls.
January	1,090	5,468	121	606	309	5,028	8	78	55	317	10	24
February	723	3,525	76	390	203	3,116	5	17	41	234	2	1
March	1,943	9,508	178	882	258	2,799	15	87	151	424	5	3
April	2,488	12,145	140	699	287	3,402	11	62	142	410	9	14
May	1,711	8,671	97	472	349	3,682	24	198	366	663	17	8
June	1,134	5,723	70	349	399	4,072	48	230	205	335	16	51
July	1,285	6,636	84	427	276	3,380	34	124	148	269	4	3
August	1,355	7,005	188	950	355	3,005	47	258	173	276	16	24
September	1,424	7,143	167	829	330	2,940	25	113	173	276	22	24
October	1,647	8,233	69	344	273	2,863	23	75	403	700	30	39
November	1,947	9,853	104	517	6	24	1	5	106	182	14	16
December	2,012	10,339	91	458	.....	.....	.....	.....	.....	.....	.....	.....
	18,759	94,249	1,385	6,923	3,045	34,311	241	1,247	1,963	4,086	145	207

WILLIAM P. TONRY, Ph.D., M.D., *Chemist to the Board of Health.*

MILK EXAMINED AND SPILLED IN ALL PLACES.

1895.	Examined.		Spilled.	
	Lots.	Gallons.	Lots.	Gallons.
January	1,454	10,813	139	708
February	967	6,875	83	408
March	2,352	12,731	198	972
April	2,917	15,957	160	775
May	2,426	13,016	138	678
June	1,738	10,130	134	630
July	1,709	10,285	122	554
August	1,883	10,286	251	1,232
September	1,927	10,359	214	966
October	2,323	11,796	122	458
November	2,059	10,059	119	538
December	2,012	10,339	91	458
Total in the whole city	23,763	132,646	1,771	8,377

COW STABLES EXAMINED DURING DECEMBER, 1895.

In the old city limits	158	with	776	cows.
In the Annex	71	"	621	"
Total	229	"	1,397	"

WILLIAM P. TONRY, Ph.D., M.D.,
Chemist to the Board of Health.

REPORT

OF THE

INSPECTOR OF PLUMBING.

REPORT.

HEALTH DEPARTMENT—CITY HALL,

BALTIMORE, December 31, 1895.

James F. McShane, M.D., President of the Board of Health and Commissioner of Health:

SIR.—I have the honor to submit the following report of work performed by me as Inspector of Plumbing for the year ending December 31, 1895.

The tables annexed will show in detail the number of permits issued and inspections made.

In conformity with the requirements of Section 7 of the ordinance regulating the work of plumbing, I most respectfully inform you that fines to the amount of twenty dollars and ten cents ($20.10) were imposed for violations.

Respectfully,

JAMES D. STIDHAM,
Inspector of Plumbing.

HEALTH DEPARTMENT—CITY HALL,

BALTIMORE, December 31, 1895.

James F. McShane, M.D., President of the Board of Health and Commissioner of Health:

SIR.—I have the honor to submit the following report of work performed by me as Inspector of Plumbing for the year ending December 31, 1895:

Number of permits issued for plumbing	2,245
" " " " " drain-pipes	665
	2,910
Number of inspections of plumbing	2,658
" " " " drain-pipes	665
	3,323
Number of registered plumbers in the city	337

Respectfully,

JAMES D. STIDHAM,
Inspector of Plumbing.

TABLES.

TABLE I.

NUMBER OF INSPECTIONS OF PLUMBING AND DRAIN WORK FOR THE YEAR ENDING DECEMBER 31, 1895.

MONTHS.	INSPECTIONS OF PLUMBING.	INSPECTIONS OF DRAINS.	TOTALS.
January	147	35	182
February	125	25	150
March	211	97	308
April	283	87	370
May	203	98	301
June	278	78	256
July	294	79	373
August	221	67	288
September	273	31	304
October	263	53	316
November	208	5	213
December	152	10	162
Total	2,658	665	3,323

TABLE II.

PLANS RECEIVED AND PERMITS GRANTED FOR PLUMBING AND DRAIN WORK DURING THE YEAR ENDING DECEMBER 31, 1895.

MONTHS.	PLUMBING WORK.	DRAIN-PIPES.	TOTALS.
January	105	35	140
February	108	25	133
March	186	97	283
April	292	87	379
May	185	98	283
June	193	78	271
July	199	79	278
August	191	67	258
September	227	31	258
October	233	53	286
November	183	5	188
December	143	10	153
Total	2,245	665	2,910

JAMES D. STIDHAM, *Inspector of Plumbing.*

REPORT

OF THE

Quarantine Hospital of the Port of Baltimore.

REPORT.

QUARANTINE HOSPITAL,

PORT OF BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—I have the honor to herewith submit the report of the Quarantine Hospital for the year ending December 31, 1895:

It again becomes my duty to call your attention to the condition of the old Quarantine. Since the opening of the new station the old place has been under the supervision of the Quarantine Physician. Nothing in the way of repairs have been made—the buildings are in a most dilapidated condition, and the wharf is completely gone. If this place is to be retained as a hospital for the reception of contagious diseases from the city, it should be inspected by a committee from your Honorable Body and put in a condition for such service. If, on the other hand, it should be deemed impracticable to make the necessary repairs, I would then earnestly recommend that it be taken from under the supervision of the Quarantine Physician and some one be allowed to work the land for taking care of the place, thereby saving a considerable expense to the city. Four barracks, built in 1882, should be burned to prevent possible contagion, they having had smallpox in them.

The additional duties imposed upon this service by the Government, of boarding all foreign vessels the year round, will require the services of another boat, about the size of the one now in use, and your Honorable Body will be called upon for an appropriation for the purchase of the same. The wharf attached to this station will have to be extended, to give a safe harbor for two boats. The launch that has been used during the summer will no longer be required, and can be sold or given in part payment for the larger boat.

Four hundred and fifty-nine vessels have been boarded and inspected during the year (see Table I), and from these vessels we have collected and paid into the city treasury the sum of $4,788.68 (see Table II).

Table III shows the number and class of vessels with sickness on board, or from infected ports, detained at Quarantine for cleansing and disinfection. There were but three in all.

By referring to Table IV, you will find that only two patients were treated at this hospital during the year, both of whom were taken off a vessel. None were received from the city.

The cost of maintaining the Quarantine and old hospital for the year was $17,003.27, as more fully shown by the Health Commissioner's report. The appropriation was $18,000 for the two places, leaving a surplus of $996.73, which the small amount of sickness will amply explain.

In conclusion, I beg leave to return my sincere thanks to Dr. Allen W. Smith for his intelligent assistance, and to say that the employees of the place have performed their duties in a manner deserving the highest praise.

Very respectfully, your obedient servant,

S. O. HEISKELL, M.D.,
Quarantine Physician.

TABLES.

TABLE I.

Showing the Number and Class of Vessels Boarded and Inspected at the Quarantine for the Year Ending December 31, 1895.

Months.	Class of Vessels.					Total.
	Steamships.	Ships.	Barks.	Brigs.	Schooners.	
January	1	.....	.....	.....	1	2
February	2	.....	.....	.....	.....	2
March	2	.....	2	.....	1	5
April	9	.....	1	.....	.....	10
May	39	.....	3	.....	30	72
June	34	.....	4	.....	51	89
July	36	.....	7	1	46	90
August	33	.....	1	.....	22	56
September	41	.....	6	.....	14	61
October	39	.....	2	.....	18	59
November	6	.....	.....	.....	.....	6
December	7	.....	.....	.....	.....	7
Total	249	.....	26	1	183	459

TABLE II.

SHOWING THE AMOUNT OF MONEY RECEIVED FOR QUARANTINE FEES AND PAID TO THE CITY REGISTER FOR THE YEAR ENDING DECEMBER 31, 1895.

MONTHS.	CLASS OF VESSELS.					TOTAL.
	Steamships.	Ships.	Barks.	Brigs.	Schooners.	
January	$ 41 42				$ 4 25	$ 45 67
February	10 16					10 16
March	29 98		$16 86		4 25	51 09
April	143 55		6 26			149 81
May	587 29		15 91		101 24	704 44
June	516 83		28 73		165 56	711 12
July	474 99		51 17		171 47	702 34
August	523 62		6 26		104 08	633 96
September	729 53		33 46		55 27	818 26
October	673 99		10 26		91 94	776 19
November	75 72					75 72
December	109 92					109 92
Total	$3,917 00		$169 41		$698 06	$4,788 68

TABLE III.

Showing the Number and Class of Vessels Detained at Quarantine for Cleansing and Disinfection for the Year Ending Decenber 31, 1895.

Months.	Class of Vessels.					Total.
	Steamships.	Ships.	Barks.	Brigs.	Schooners.	
January						
February						
March						
April						
May						
June					1	1
July	1					1
August	1					1
September						
October						
November						
December						
Total	2				1	3

TABLE IV.

Showing the Number of Patients Treated at the Quarantine Hospital for the Year Ending December 31, 1895.

Disease.	Remaining in Hospital from 1894.	Discharged in 1895.	Received in 1895.	Remaining in Hospital.	Died.	Total.
Chagres fever		2	2			2
Total		2	2			2

METEOROLOGICAL SUMMARY FOR 1895.

FROM WEATHER BUREAU RECORDS.

U. S. Weather Bureau, Baltimore, Md.

PRESSURE.

Mean barometer.....29.91 inches, .15 below normal.
Highest barometer .....30.60 " on December 17.
Lowest barometer .....29.17 " on January 26.
Range of barometer..... 1.43 "

TEMPERATURE.

Mean temperature.....54.2 degrees, 1.3 degrees below normal.
Highest temperature.....97 " on June 3.
Lowest temperature ..... 1 " on February 6.
Mean winter (1894 and 1895) temperature, 32.7 degrees, 4 degrees lower than that of 1893 and 1894, and 3.9 degrees below normal.
Mean spring temperature.....51.9 degrees, 1.1 degrees below normal.
Mean summer temperature.....74.8 " 0.3 " " "
Mean autumn temperature.....57.6 " 0.2 " " "

PRECIPITATION.

Total precipitation during the year, 40.47 inches, 1.87 inches below the normal. Number of days on which rain or snow fell, 114. Greatest monthly precipitation, 7.42 inches in April. Least monthly precipitation, 0.83 inches in March.

WINDS.

Prevailing direction, north.
Highest velocity, 42 miles per hour, from the northwest, on February 8, and from south, December 26.
Mean velocity, 7.8 miles per hour.
Total movement, 67,713 miles.
Mean relative humidity, 67 per cent.
First heavy frost in autumn, October 29.
Last snow of season, 1894 and 1895, March 12.
First snow of season, 1895 and 1896, October 9.

J. B. MARBURY, *L. F. O., Weather Bureau.*

ANNUAL REPORT

OF THE

INSPECTOR OF BUILDINGS

TO THE

Mayor and City Council of Baltimore,

FOR THE

FISCAL YEAR ENDING DECEMBER 31, 1895.

REPORT.

OFFICE OF INSPECTOR OF BUILDINGS—CITY HALL,

BALTIMORE, MD., December 31, 1895.

To the Honorable the Mayor and City Council of Baltimore:

GENTLEMEN.—I have the honor to submit the following report of the transactions of this office during the past year, showing the progress of the various works under its control and their present condition:

During the year ending December 31, 1895, the expenditures through this office for the erection of new buildings and for the repairs and preservation of finished and occupied buildings amounted to $336,494.02.

The number of finished and occupied buildings in charge of this office for repairs and preservation is 149.

Five new buildings have been completed and accepted since my last report. These are the English-German School No. 6, Primary School No. 35, Colored School No. 10, the temporary Court-house and No. 10 Truck-house. Four others are in course of erection: Western High School, Primary Schools Nos. 4, 34 and 37, and working drawings have been prepared for Colored School No. 9 and Grammar and Primary School, North Baltimore.

Appropriations for specific improvements in five designated buildings have also been expended as directed.

Following is a summary of the various works performed and a statement of the expenditures from each of the appropriations:

NEW SCHOOL BUILDINGS.

CITY COLLEGE.

This building is now being erected under the supervision of the architects, Messrs. Baldwin & Pennington, and the indications are that it will be completed during the coming year. Ordinances Nos. 55 and 33 appropriated $172,000 for this purpose, of which $59,877.37 has been expended under certificates from the architects.

WESTERN HIGH SCHOOL.

McCulloh Street and Lafayette Avenue.

This building is nearing completion. The amount appropriated by Ordinances No. 32 of 1893 and No. 121 of 1894 was $130,000.

This is a commodious, substantially-built house, well-lighted and ventilated. The equipments are all modern, and I consider it a very handsome addition to the public buildings of our city. Mr. Alfred Mason was the architect, and Mr. Henry S. Rippel the builder. The contractors for the steam-heating and ventilating plant and the plumbing were Messrs. Crook, Horner & Co.

The prescribed limits of the lot upon which this building is erected render it a public necessity for the city to acquire the adjoining lot on the east side.

ENGLISH-GERMAN SCHOOL NO. 6.

Ramsay and Smallwood Sts.

This building, which was commenced last year, is now completed, and has been occupied by the School Commissioners since October 1, 1895. It contains sixteen class-rooms, with the necessary cloak-rooms and other conveniences, and is equipped with the Southern Warming and Ventilating Company's dry closet system. Architect George Worthington designed this house, and Mr. James B. Yeatman was the contractor.

Ordinance No. 185 and Resolution No. 222 appropriated $33,454.52 for the erection of this building.

PRIMARY SCHOOL NO. 35.

Hanover and Winder Sts.

Proposals were invited by advertisement for the erection of this house, and the contract was awarded to the lowest bidder, Messrs. Morrow Bros. The plans were prepared by Architect George Worthington, and the house contains twelve class-rooms, and is suitably provided with cloak-rooms and other accommodations. It was completed and transferred to the School Commissioners November 4, 1895.

Ordinance No. 33 and Resolution No. 33 enjoined the erection of this building, and appropriated $28,296.90 for the purpose.

COLORED SCHOOL NO. 10.

Girard Avenue and Sherman Place.

Ordinance No. 73 and Resolution No. 103 directed the erection of this house, and appropriated $24,000. Bids were invited, and the lowest proposals accepted. The building is now completed and ready for occupancy. It contains nine class-rooms, and is amply provided with cloak-rooms and other accommodations. Architect Alfred Mason designed this building, and Mr. J. J. Hughes was the contractor.

The plans for this house and the last-named (Primary School No. 35) were prepared for the adoption of the Southern Warming and Ventilating Company's dry closet system, but as other proposals were invited, the lowest bid in each case, that of the Smead Company, was accepted; the Southern Company's bid was $6,825 for the two buildings, and Smead's $4,200.

PRIMARY SCHOOL NO. 34.

Columbia Avenue and Carey Street.

As directed by Ordinance No. 19, which appropriated $30,000 for the purpose, plans were prepared and proposals invited. The lowest bid, that of Mr. C. Sheehan, was accepted, and the building is in course of erection, being now under roof. Architect Joseph E. Sperry prepared the plans, which call for twelve class-rooms, with all necessary conveniences, the Smead system furnishing heat and ventilation.

PRIMARY SCHOOL NO. 4.

Hanover and Lee Sts.

Plans were prepared by Architect George Worthington, proposals obtained, and the contract let to the lowest bidder, Mr. J. J. Hughes. The plans provide for fourteen class-rooms and all other conveniences necessary for the accommodation of teachers and scholars. The steam-heating and ventilating plant will be furnished by Messrs. Flynn & Emrich. Work on this building has commenced, and the foundation and basement walls are well advanced. Ordinance No. 12, which enjoined the erection of this house, appropriated $35,000.

PRIMARY SCHOOL NO. 37.

Patterson Park Avenue and Biddle Street.

As directed by Ordinance No. 45, which appropriated $25,000 for the purpose, this house is in course of construction, the first floor of joists having been set in position.

The plans were designed by Architects Ellicott & Lazarus, and provide for twelve class-rooms, suitable cloak-rooms and other conveniences. The Smead system furnishes closet accommodations, heat and ventilation. The contractor for this building is Mr. Adam R. Shipley.

COLORED SCHOOL NO. 9.

Carey and Chappell Sts.

Ordinance No. 17 provided $35,000 for the erection of this building. A lot on the southeast corner of Carey and Chappell streets has been secured for this school.

Owing to a change from the lot first selected, a delay was caused in preparing the plans, but they are now ready for proposals, and call for a house with twenty-one class-rooms and the usual accommodations for teachers and scholars. Mr. Alfred Mason is the architect.

GRAMMAR AND PRIMARY SCHOOL.

Linden Ave. and Konig St.

Ordinance No. 44 appropriated $35,000 for the erection of this building. A lot has recently been leased on the corner of Linden avenue and Konig street, and the plans have been prepared by Architect George Worthington. They provide for seventeen class-rooms and the usual conveniences.

All the above school-houses are, or will be when completed, good, substantial buildings. In my consultations with the architects and the supervision of their plans, I have always insisted on an avoidance of costly embellishments; an ample provision for the accommodation of as many children as the appropriation would admit; a good supply of fresh, pure air, kept at an even temperature; plenty of sunlight, safe means of exit, and every arrangement that would contribute to the health and comfort of the future occupants of the building.

In several of my previous reports I have urged the necessity of granting more liberal appropriations for the erection

of our school buildings, so that larger and more convenient houses can be built. All will admit that it would be a wise and economical policy, when the erection of a school-house is contemplated, to anticipate the prospective growth of the school population in the neighborhood in which the house is to be erected. It is a fact, however, that in almost every case when our school buildings are planned as required by law, within the prescribed limits of the appropriation, they not only fail to meet such future needs, but are often inadequate to afford proper accommodations for the actual requirements of the School Commissioners at the time they are built. Numerous additions to comparatively new schools have been made during the last few years, the cost of which is much higher proportionately than new buildings, and the arrangements cannot be as complete and satisfactory as if planned before the buildings were first erected. I therefore again call attention to this important subject, as I am convinced that economy and more beneficial results will be secured by the erection of larger houses.

REPAIRS, ETC., TO SCHOOL-HOUSES.

PAINTING.

Grammar Schools No. 13, Aisquith street, and No. 16, Hull street; Primary Schools No. 13, Patterson Park avenue; No. 5, Broadway and Ashland avenue; No. 28, Battery avenue; No. 38, Chesapeake and Hudson; No. 22, Ramsay street, and No. 29, Sharp street; English-German School No. 3, Baltimore street; and Colored Schools No. 6, Barre street, and No. 4, Biddle street, were painted inside or out, or both, one or two coats, as necessary.

The fronts of the following school-houses were oiled and penciled: Primary Schools No. 5, Broadway and Ashland avenue, and No. 7, Mullikin street, and Colored Schools No. 4, Biddle street, and No. 5, Caroline street.

NEW CEILINGS.

Dangerous plaster ceilings were replaced with steel in the following schools: Grammar and Primary School No. 3, High street; Grammar Schools No. 17, Washington street, and No. 15, Lexington street and Carrollton avenue; and Primary Schools No. 16, Harford avenue; No. 38, Chesapeake and Hudson streets, and No. 18, Argyle avenue.

PRIMARY SCHOOL NO. 20.

Preston and Eden Sts.

Resolution No. 177 appropriated $550 for a fire-escape to this school. It has been erected, and forms an additional means of exit, making now six in all.

PRIMARY SCHOOL NO. 5.

Broadway and Ashland Avenue.

Resolution No. 100 directed a rearrangement of the partitions in this house, and appropriated $400 for the purpose. This alteration was made on one story only, instead of two, as at first contemplated, at an outlay of $125.

New floors were laid at the Polytechnic Institute; English-German School No. 3, Baltimore street; Grammar School No. 7, Eastern avenue; Primary Schools No. 18, Argyle avenue; No. 21, Pennsylvania avenue and Robert street, and No. 38, Chesapeake and Hudson streets, and Colored School No. 2, East street.

Treads and platforms to stairways were renewed at Grammar and Primary School No. 3, High street; Grammar School No. 8, Hollins street, and Colored School No. 8, Bond and Chew streets.

New fences were erected at English-German School No. 2, Charles and Ostend streets; Grammar Schools No. 11, Bond and Jefferson streets; No. 4, Sharp street, and No. 13, Aisquith street; and Primary Schools No. 14, Linden avenue, and No. 7, Mullikin street.

New tin roofs were put on Primary Schools No. 38, Chesapeake and Hudson streets, and No. 2, Gough and Stiles streets, and Colored School No 6, Barre street.

The closets of Grammar Schools No. 12, Ridgely street, and No. 4, Sharp street, also received new tin roofs and spouting.

New partitions were erected at Colored School No. 6, Barre street; Grammar School No. 16, Hull and Clement streets, and Primary School No. 2, Gough and Stiles streets.

New storm doors were furnished to Primary School No. 13, Patterson Park avenue, and Colored School No. 8, Bond and Chew streets.

Snow guards were provided and the roof painted at Grammar School No. 11, Jefferson and Bond streets.

A new iron fire-escape was erected at Primary School No. 7, Mullikin street.

New front pavements were laid to Colored School No. 2, East street, and to the annex of English-German School No. 3, Baltimore street.

A new wood and coal shed was built at Colored Grammar School No. 2, Jefferson street, and a shed was also built in the yard of Primary School No. 38, Chesapeake and Hudson streets.

At the Eastern High School 125 feet of 6-inch iron sewer-pipe was laid.

A new closet was erected at Colored School No. 5, Caroline street.

An enclosure for the urinal was erected at Grammar School No. 6, Division street.

Fourteen windows were fitted with new glazed sash at Grammar School No. 8, Hollins street.

A new hydrant was furnished and set in the yard of Grammar School No. 12, Ridgely street.

New galvanized iron gutters and down spouts were supplied and placed in position at Primary School No. 29, Sharp street.

A new transom was put in over the door for ventilation and the wood ceilings painted at Primary School No. 10, Hollins street.

Two new doors were furnished and hung for Colored Manual Training School, Fremont street.

New steps were erected on the north side of Colored School No. 3, Howard street.

ENGINE AND TRUCK-HOUSES.

TRUCK-HOUSE NO. 10.

Lafayette Avenue.

This house has been completed since my last annual report, and was transferred to the Board of Fire Commissioners March 7, 1895. The building has a frontage of 40 feet on Lafayette avenue, and a depth of 140 feet; the front portion of the building to a depth of 64 feet is the truck-house proper; the rear portion is a stable for sick or reserve horses, and is fitted with six box-stalls, with room for as many more if required; over the stable is a hay loft, and over the truck-house the sleeping-room, captain's room, bath, closets and other conveniences. A lookout tower is built off the roof.

The whole of the first story, the sidewalk and the side alleys are paved with Granolithic cement.

Architect Alfred Mason designed this building, and the contractor was the late Mr. Charles Ogle.

The amount appropriated by Ordinance No. 7 was $12,000.

NO. 17 ENGINE-HOUSE.

At this house, which was completed November 5, 1894, the cement pavement has proved defective—it has cracked and broken up in several places. The contractor is under agreement by the terms of his contract to keep this pavement in good condition for five years, but having refused to comply with this agreement, I was compelled to renew the defective work, and the City Solicitor will sue the contractor for the cost of same.

NO. 9 ENGINE-HOUSE.

The bell was removed from the tower, and the tower enclosed with sash to form a lookout; a floor was laid and a stairway erected to connect it with the second floor. The sleeping-room and hall were papered.

NO. 6 TRUCK-HOUSE.

A new cement floor was laid, six new stalls erected, and the house was painted inside.

NO. 14 ENGINE-HOUSE.

The wood fence was removed, and a new iron picket fence erected.

NO. 19 ENGINE-HOUSE.

The alley in rear of this house was paved, the roof painted, and additional storage closets were erected.

NO. 12 ENGINE-HOUSE.

The exterior of this house was painted two coats.

NO. 10 ENGINE-HOUSE.

The roof of this house was painted, and new gutters and downspouts furnished.

New floors were laid at Nos. 2 and 5 Engine-houses; the sleeping-room at No. 2 Truck-house was papered; new front doors were hung to No. 4 Truck-house and No. 7 Engine-house; the front of No. 4 Truck-house was also painted.

MARKET-HOUSES.

The plaster ceiling of Cross-street Market, which had become dangerous, was removed, and a wood ceiling substituted, and the roof of the hall was painted.

The roof of Hanover Market was painted.

Belair Market had a portion of the roofs repaired and painted.

Northeast Market had new gutters and spouting, and the roof painted.

CITY HALL.

On account of a fire in Fire-alarm Telegraph Offices, which occurred July 19, 1894, it became necessary to refurnish and repair the interior of these rooms. An appropriation of $1,500 was made by Resolution No. 7, and the work was done as directed.

COURT-HOUSES.

A temporary Court-house has been erected by the Court-house Commission, under the supervision of this department. Ordinance No. 64 appropriated $25,000, and Resolution No. 242, $6,000, for this purpose.

Architects Wyatt & Nolting designed this building, and Messrs. Willis & Maclellan were the contractors.

Judge Dobler's office, in the old Clayton Building, was furnished as directed by Resolutions Nos. 2 and 47.

On taking possession of the United States Court-house, it was necessary to do considerable repairs to the building and heating apparatus. An elevator was erected for the convenience of the public and the court officials, and heavy expenditure was incurred for removing and refitting the office furniture, etc.

CITY JAIL.

This building has been kept in repair chiefly by the inmates, under the supervision of Warden Daniel Constantine, this department furnishing the materals and such labor as could not be performed by the inmates.

FIFTH REGIMENT ARMORY.

Resolution No. 148 appropriated $600 for the construction of a store or baggage-room in the roof over the officers' quarters; this was done to the satisfaction of Col. F. Markoe and the officers.

The roof of the Armory was repaired and well-painted, as directed by Resolution No. 16, which appropriated $250 for this purpose.

CITY PROPERTY—ANNEX.

School-houses Nos. 2 and 13 were painted inside, and Nos. 9 and 11 were painted outside. The roof of the latter house was also painted.

Steel ceilings were put up and painted at Nos. 7 and 13 School-houses.

New eaves, gutters and spouting were furnished to No. 2 School and No. 3 Colored School. At the latter a new fence was also erected.

At No. 3 School new valleys in roof and new downspouts were supplied.

At No. 15 School a change in the street grade caused an outlay of over $900 for raising the grade of the school-yard, repaving and building areas to the rear doors of the school.

At the several engine and truck-houses in the Annex the necessary repairs received prompt attention.

DOG POUND.

These buildings were kept in good repair.

CESS-POOLS.

The cess-pools to all engine and school-houses have been kept clean during the year.

The foregoing enumerates the principal items of repairs done to our public buildings, but all work necessary to keep them in good repair and for their preservation has received prompt attention.

In this connection I desire to state that since I have administered the affairs of this department, the cost of all repairs done to our public buildings, including painting, does not average three-fourths of one per cent. annually on the original cost of the buildings.

When it is taken into consideration that the average age of these buildings is over twenty years, that they are now in as good a state of preservation as at any previous period, and the heavy wear and tear to which our school, engine and market-houses are subjected, it will be admitted that business methods, economy and thrift have been used to accomplish this result.

I consider it my duty to call your attention to the willful breaking of window glass and other depredations committed in and around our school buildings. The amount expended for the renewal of broken glass is a very serious item, amounting to thousands of dollars. I regret to say that a great portion of this is done by the scholars, and suggest that some method be adopted to repress these depredations, and to impress upon the children that their duty is to protect and not destroy the school property.

THE LAW RELATING TO BAY-WINDOWS.

As there exists some doubt in the minds of the law officers as to the legality of enforcing the penalty attached to the violation of this ordinance, I suggest that a new one be drawn up and passed, which will be clear and definite.

I also suggest that when special permits for bay-windows larger than the code prescribes are granted by your Honorable Bodies, an extra fee shall be charged at the same rate per superficial foot of area as the law now directs shall be charged for bay-windows 2 feet by 10 feet—that is, $5 per foot for the first story, and 50 cents for the upper stories—also that an ordinance be passed requiring the payment of a fee of $5 or more for all permits issued for store-fronts projecting beyond the building line. This would be a nominal fee for a valuable concession, as the space occupied is seldom less, and often considerably more, than is occupied by bay-windows, for which a fee is charged of $100. This fee would bring in a small revenue without causing hardship to any.

OPENING STREETS FOR DRAINS.

All permits granted to private parties for this purpose should, in my judgment, contain a clause permitting the city authorities to connect with such drain, free of charge, whenever it would benefit city property.

I also respectfully suggest that all laws relating to the construction and alteration of buildings be compiled and printed in book form.

Since January 1, 1892, when the new building laws went into effect, 6,898 new buildings have been erected, and 1,858 additions and improvements of various kinds made; during the construction of these, frequent visits have been made to all, to see that the building ordinances were being complied with.

During the past year I have examined and ordered to be made secure 164 dangerous walls, 249 chimneys, cornice and spouting, and have issued 296 notices to builders who were violating the building laws.

I have pleasure in reporting an increase in the revenue of this department over last year's of $2,267.85, the amount received being larger than in any previous year.

The annexed tabular statement will show:

A—The amount of appropriations and disbursements during the year 1895.

B—The revenue of this office during the same period.

C—The estimate of the amount required for this department for the year 1896.

D—The expenditure for repairs, etc., to school and engine-houses during the last eighteen years.

E—A list of public buildings erected during the last eleven years.

All of which I most respectfully submit.

J. THEODORE OSTER,

Inspector of Buildings.

TABLES.

TABLE A.

Showing the Amounts Appropriated and Disbursed for the Year 1895.

	Appropriated.	Expended.	Balance.
Repairs of public schools	$ 17,000 00	$16,487 05	$ 512 95
Repairs of city property	13,500 00	12,613 36	886 64
Sanitary and other improvements.	3,000 00	2,047 87	952 13
Emptying cess-pools	700 00	621 75	78 25
Incidentals	200 00	176 27	23 73
Livery	600 00	600 00	.....
Extra outdoor help	6,200 00	6,200 00	.....
Rental auxiliary fire-alarm boxes.	4,300 00	4,300 00	.....
Winding clocks at engine-houses.	200 00	200 00	.....
Fitting up and furnishing Judge Dobler's office	450 00	450 00	.....
Salaries	5,500 00	5,500 00	.....
Cleaning and beautifying the Battle Monument	65 00	50 00	15 00
Repairing the damages to the Fire-alarm Telegraph Office	1,500 00	1,500 00	.....
Painting roof Fifth Regiment Armory	250 00	156 96	93 04
Partitions in No. 5 Primary School.	400 00	125 00	275 00
Repairs at the Fifth Regiment Armory	600 00	600 00	.....
Fire-escape at No. 20 Primary School	550 00	488 38	61 62
Building the Western Female High School, balance from 1894	94,773 66	76,647 86	18,125 80
Building No. 10 Hook and Ladder House on Lafayette avenue, balance from 1894	4,940 00	4,385 00	555 00
Building No. 35 Primary School.	28,296 90	28,296 90	.....
Building English-German School No. 6, balance from 1894	33,454 52	33,344 26	110 26
Building Colored Primary School No. 10	24,000 00	20,676 58	3,323 42
Building the City College	172,000 00	72,428 81	99,571 19
Building Male and Female Primary School No. 4	35,000 00	304 26	34,695 74
Building No. 9 Colored School	35,000 00	15 00	34,985 00
Building No. 34 Primary School.	30,000 00	12,859 75	17,140 25
Building temporary Court-house.	31,000 00	29,406 18	1,593 82
Building grammar and primary school in North Baltimore	35,000 00	.....	35,000 00
Building Male and Female Primary School No. 37	25,000 00	1,053 18	23,946 82
Extra help, Annex	1,240 00	1,240 00	.....
Livery, Annex	300 00	300 00	.....
Repairs of city property, Annex.	4,500 00	3,419 60	1,080 40
	$609,520 08	$336,494 02	$273,026 06

TABLE B.

Showing the Revenues of this Office for the Year 1895.

Permits issued as follows:		
For bay-windows on the front and side	$3,958 85	
" frame sheds and bay-windows in rear	5,203 60	
" " bath-rooms	1,654 00	
" vaults and areas	1,729 42	
" tapping sewers	200 00	
Amount received for old material	1 00	
		$12,746 87
Amount received for advertising permits	$525 00	
Paid for same	327 78	
		197 22
Net revenue		$12,944 09

KEY TO TABLE B.

Showing the Revenues of this Office for the Year 1895.

	Advertising.	Sheds.	Old Material.	Bay-windows.	Tapping Sewers.	Bath-rooms.	Areas.	Total.
December	$60 00	$ 439 65	.....	$ 350 00	.....	$ 62 00	$ 37 50	$ 949 15
January	30 00	253 00	.....	.....	.....	112 00	42 00	437 00
February	10 00	61 75	.....	240 00	.....	8 00	.....	319 75
March	80 00	1,012 25	.....	10 00	$40 00	136 00	38 93	1,317 18
April	60 00	515 25	.....	704 00	.....	208 00	349 06	1,836 31
May	45 00	640 25	.....	162 50	.....	138 00	120 95	1,106 70
June	50 00	491 75	$1 00	1,127 00	80 00	98 00	216 40	2,064 15
July	30 00	349 45	.....	180 00	40 00	108 00	455 69	1,163 14
August	85 00	340 25	.....	150 00	40 00	292 00	108 18	1,015 43
September	30 00	268 75	.....	884 00	.....	140 00	234 36	1,557 11
October	30 00	347 00	.....	126 00	.....	140 00	102 80	745 80
November	15 00	484 25	.....	25 35	.....	212 00	23 55	760 15
	$525 00	$5,203 60	$1 00	$3,958 85	$200 00	$1,654 00	$1,729 42	$13,271 87

TABLE C.

Showing the Amount Required for this Department for the Year 1896,

For repairs of city property:		
For engine-houses	$7,000 00	
" City Jail	1,500 00	
" City Hall	3,500 00	
" market-houses	5,000 00	
" court-houses	1,000 00	
" Dog Pound and other property	1,000 00	
		$19,000 00
For repairs of public schools:		
For general repairs	$13,000 00	
" painting school-houses	5,000 00	
" partitions and storm doors	1,000 00	
" substituting wood and iron for plastered ceilings	2,000 00	
		21,000 00
For sanitary and other improvements		3,000 00
" emptying cess-pools		800 00
" incidentals		200 00
" livery for two horses and repair to wagons		600 00
" salaries		5,500 00
" extra outdoor help		6,200 00
" rental of auxiliary fire-alarm boxes		4,300 00
" winding clocks at engine-houses		200 00
" extra help, Annex		1,240 00
" livery and repair to wagon, Annex		300 00
" repair to city property, Annex		5,000 00
" building Western Female High School		18,125 80
" " Colored Primary School No. 10		3,323 42
" " City College		99,571 19
" " Male and Female Primary School No. 4		34,695 74
" " No. 9 Colored School		34,985 00
" " No. 34 Primary School		17,140 25
" " temporary Court-house		1,593 82
" " grammar and primary school in North Baltimore		35,000 00
" " Male and Female Primary School No. 37		23,946 82
		$335,722 04

TABLE D.

Showing the Expenditures for Repairs, Etc., to School-houses, Engine-houses and Cleaning Cess-pools for the Last Eighteen Years.

	Repairs of School-houses.	*Repairs of Engine-houses.*	*Emptying Cess-pools.*	
1878	$27,848 57	$ 9,999 80	$2,400 00	
1879	16,928 26	6,596 39	2,947 45	
1880	24,997 15	10,893 36	2,227 50	
1881	22,650 09	6,608 43	3,757 25	
1882	8,812 06	10,056 99	1,467 50	
1883	9,997 93	5,464 41	4,497 50	
1884	8,987 25	5,082 08	1,462 50	
	$120,221 31	$54,701 46	$15,759 70	
Total for seven years				$190,682 47
1885	$ 9,984 07	$5,852 92	$1,470 87	
1886	9,953 88	5,965 67	1,490 25	
1887	9,994 38	6,665 04	1,494 00	
1888	9,989 05	6,701 21	1,215 00	
1889	8,991 96	6,386 46	1,194 00	
1890	9,000 00	6,739 00	1,058 38	
1891	9,000 00	7,523 58	1,111 87	
1892	13,000 00	8,600 00	779 75	
1893	15,000 00	9,981 29	648 60	
1894	14,921 25	7,208 12	689 00	
1895	12,448 29	6,000 00	559 75	
	$120,282 88	$77,623 30	$11,711 47	
Total for eleven years				$209,617 65

The average cost of the above repairs per year, from 1878 to 1884, inclusive, was $27,240.35; the average cost of the above repairs per year, from 1885 to 1895, inclusive, was $19,056.15; showing an average saving per year for the last eleven years of $8,184.20, notwithstanding the number of buildings have been greatly augmented, as well as the old ones naturally requiring more repairs with increasing years.

TABLE E.

A List of School-houses, Engine and Truck-houses, Market-houses, Etc., Erected During the Last Eleven Years.

1885—No. 23 Primary School, Gough and Wolfe streets.
No. 11 Primary School, Gilmor and Mosher streets.
No. 29 Primary School, Sharp street, near West.
No. 15 Grammar School, Carrollton avenue and Lexington street.
1886—Addition to No. 20 School, Eden and Preston streets.
1887—No. 8 Primary School, South Caroline street.
Addition to No. 21 School, Gilmor and Presstman streets.
No. 1 Colored High and Grammar School, Saratoga street, near Charles.
1888—No. 2 Grammar School, Broadway and Bank street.
No. 9 Colored School, Carrollton and Riggs avenues.
1889—Addition to No. 11 Primary School, Gilmor and Mosher streets.
Manual Training School, Courtland street.
No. 13 Primary School, Patterson Park avenue and McElderry street.
No. 8 Grammar School, Hollins and Monroe streets.
No. 24 Primary School, Lancaster and Patuxent streets.
No. 5 English-German School, Lexington street, near Fremont avenue.
No. 20 Grammar School, Federal and Eden streets.
No. 4 Annex School, Chestnut avenue, near Fourth street.
No. 3 Annex School, Huntingdon avenue, near Charles street.
1890—No. 32 Primary School, Guilford avenue and Lanvale street.
No. 31 Primary School, Schroeder and Pierce streets.
No. 33 Primary School, Light and Clement streets.
No. 13 Annex School, North avenue and Washington street.
No. 25 Primary School, Bond street, near Eastern avenue.
1891—No. 19 Grammar and Primary School, Park avenue and Hoffman street.
No. 11 Annex School, Millington avenue.
No. 10 Annex School, Old Frederick road (Carroll).
Addition to No. 15 Grammar School, Carrollton avenue.
Addition to No. 7 Grammar School, Eastern avenue.
Addition to No. 17 Grammar School, Washington street.
Addition to No. 4 English-German School, Chase and McDonogh streets.
Addition to No. 2 Annex School, York road.
Additional story to No. 16 Grammar School, Hull and Clement streets.
1892—No. 1 English-German School, Pennsylvania avenue and Dolphin street.
No. 18 Grammar School, Harlem avenue and Monroe street.
No. 3 Colored School, Hill street.
No. 8 Annex School, Francis and Clifton streets.
Addition to No. 20 Grammar School, Eden and Federal streets.
1893—No. 15 Annex School, Walbrook.
Addition to No. 9 Annex School, Calverton

TABLE E—Concluded.

1894—Western Female High School, Lafayette avenue and McCulloh street.
No. 6 English-German School, Ramsay and Smallwood streets.
No. 35 Primary School, Hanover and Winder streets.
No. 10 Colored School, Girard avenue and Sherman Place.
Addition to Colored Manual Training School, Fremont street.
1895—No. 4 Primary School, Hanover and Lee streets.
No. 34 Primary School, Columbia avenue and Carey street.
No. 37 Primary School, Patterson Park avenue and Biddle street.
No. 9 Colored School, Carey and Chappell streets.
Grammar and Primary School, Linden avenue and Konig street.
1885—No. 6 Engine-house, Annex.
1886—Addition to No. 5 Engine and No. 3 Truck-house.
No. 5 Truck-house, Aisquith street.
1887—No. 6 Truck-house, Hanover and Ostend streets.
No. 14 Engine-house, Hollins and Monroe streets.
1890—No. 15 Engine-house, Lombard street.
1891—No. 16 Engine-house, Commercial Wharf.
1892—No. 18 Engine-house, Annex.
1893—No. 17 Engine-house, Fort avenue and Haubert street.
1894—No. 19 Engine-house, North avenue and Bond street.
No. 10 Truck-house, Lafayette avenue.
1885—Canton Market, O'Donnell street.
1886—Fell's Point Market.
1887—Market shed at the Northeastern Market.
Market-master's office, Hanover Market.
Market-master's office, Hollins Market.
1893—Extension shed at the Richmond Market.
1894—Addition to Lafayette Market.
1885—Annex to the City Jail.
1887—Laundry building at the City Jail.
1888—Addition to Howard Zouaves' Armory.
1886—Observatory and pavilion at Federal Hill Park.
1893—Disinfecting plant at the Quarantine Hospital.
1890—City Morgue, Lancaster and President streets.
1893—Addition to the City Morgue.
1891—Lumber shed for the Harbor-master.
1895—Temporary Court-house.
1893—Extension to the Fifth Regiment Armory.

SIXTY-SEVENTH ANNUAL REPORT

— OF THE —

BOARD OF COMMISSIONERS

— OF —

PUBLIC SCHOOLS

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

YEAR ENDING DECEMBER 31, 1895.

Board of Commissioners of Public Schools,

FOR 1895.

OFFICERS:

President	JOHN T. MORRIS.
Secretary	HENRY M. COWLES.
Sup't of Public Instruction	HENRY A. WISE.
Assistant Sup't of Instruction	JOHN E. McCAHAN.
Assistant Secretary	ALBERT MARSHALL.
Superintendent of Supplies	CHRISTIAN W. KEIDEL.
Librarian	FRANCIS J. RUTH.
Clerk to Secretary	WILLIAM F. O'CONOR.

MEMBERS OF THE BOARD:

Hon. FERDINAND C. LATROBE, Mayor to Nov. 20.

Hon. ALCAEUS HOOPER, Mayor from Nov. 20.

Ward.		*Term Expires.*
1.	Joseph L. Farnen	1897
2.	John H. Horst	1899
3.	John B. Wentz	1896
4.	George F. Louderman	1898
5.	William H. B. Fusselbaugh, of J.	1897
6.	John T. Ochs	1896
7.	Martin B. Billingslea, M.D.	1898
8.	John T. Foley	1899
9.	Michael Sheehan	1899
10.	John T. Morris	1898
11.	William W. Dix	1896
12.	James W. Denny	1897
13.	Charles C. Stieff	1899
14.	James Bosley, M.D.	1896
15.	John H. Carle	1897
16.	John D. Blake, M.D.	1898
17.	Joseph P. McGonigle	1896
18.	Robert H. Cornthwaite	1898
19.	Merville H. Carter, M.D.	1899
20.	James L. Murrill	1897
21.	Daniel W. Smith, M.D.	1897
22.	Arthur H. Jackson	1897

STANDING COMMITTEES.

1. Baltimore City College.

Messrs. Foley, Bosley, Denny, Carter, President and Superintendent.

2. Female High Schools.

Messrs. Wentz, Murrill, Fusselbaugh, Dix, Ochs, Blake, President and Superintendent.

3. Grammar Schools.

Messrs. Fusselbaugh, Farnen, Carter, Sheehan, Ochs, President and Superintendent.

4. Primary Schools.

Messrs. Smith, Dix, Foley, Billingslea, Louderman and Assistant Superintendent.

5. English-German Schools.

Messrs. Billingslea, Wentz, Ochs, Blake and Horst.

6. Polytechnic Education.

Messrs. Wentz, Murrill, Dix, Sheehan, Billingslea, President and the Mayor.

7. Colored Schools.

Messrs. Dix, Denny, Smith, Farnen, Cornthwaite and Superintendent.

8. Normal School.

Messrs. Carter, Murrill, Stieff and Superintendent.

9. Text Books.

Messrs. Denny, Wentz, Bosley, Dix, Jackson, President, Superintendent and Assistant Superintendent.

10. Furniture.

Messrs. Jackson, Carter, Wentz, Dix and McGonigle.

11. Music.

Messrs. Wentz, Blake, Foley, Carle and Horst.

12. Discipline.

Messrs. Blake, Stieff, Carle, Fusselbaugh, Horst, President, Superintendent and Assistant Superintendent.

13. Accounts.

Messrs. Murrill, Fusselbaugh, Louderman, McGonigle and Stieff.

14. Expenditures.

Messrs. Louderman, Carle, Smith, Bosley, Ochs and President.

STANDING COMMITTEES—*Concluded.*

15. Examinations.

Messrs. Cornthwaite, Smith, Dix, President, Superintendent and Assistant Superintendent.

16. Bi-Weekly Reports.

Messrs. Horst, Louderman and Sheehan.

17. Conference.

Messrs. Ochs, Fusselbaugh, Jackson, Horst and Blake.

18. Buildings.

Messrs. Carle, Bosley, Cornthwaite, Sheehan, McGonigle, President, Superintendent and Assistant Superintendent.

19. Printing.

Messrs. Foley, Blake and Horst.

20. Health.

Messrs. Bosley, Smith and Billingslea.

21. Drawing.

Messrs. Sheehan, Carter, Murrill, Cornthwaite and Farnen.

22. Intestates' Estates.

Messrs. Denny, Wentz and Farnen.

23. Heating Apparatus and Fuel.

Messrs. McGonigle, Cornthwaite, Louderman, Carter, Billingslea and President.

24. Rules.

Messrs. Stieff, Wentz and Denny.

25. Public School Library.

Messrs. Wentz, Carter, Foley, Dix and President.

26. Non-Resident Pupils.

Messrs. Farnen, Jackson and President.

27. Half-Time Schools.

Messrs. Foley, Stieff, Sheehan, President, Superintendent and Assistant Superintendent.

28. Night School.

Messrs. President, Cornthwaite, Carle, Foley and Billingslea.

29. Sewing.

Messrs. Fusselbaugh, Ochs, Denny, Blake, McGonigle, President, Superintendent and Assistant Superintendent.

REPORT

OF THE

Board of Commissioners of Public Schools

OF BALTIMORE.

Office of Commissioners of Public Schools,

Baltimore, January 1, 1896.

To the Honorable the Mayor and City Council of Baltimore:

By an Act of the General Assembly of Maryland full power and authority are given to the Mayor and City Council of Baltimore to establish in said city a system of free public schools under such ordinances and rules as they may deem proper to enact, and they may delegate supervisory power and control to a Board of Public School Commissioners, and in pursuance of this power the public schools have been placed under the charge of Commissioners appointed by the two Branches of the City Council in convention assembled.

Among other duties of the Commissioners, they are required to make an annual report to the Mayor and City Council, containing "a statement of their transactions, with an account of their receipts and expenditures during the year last passed, and their resources for the year then commenced."

In compliance with this requirement the Board of Commissioners of Public Schools respectfully presents its

SIXTY-SEVENTH ANNUAL REPORT,

showing its transactions for the year ending December 31, 1895, with other information concerning the work, condition and wants of the schools.

SCHOOL STATISTICS.

The whole number of schools of various grades during the year was 185, under the charge of 1,667 teachers, classified as follows:

BALTIMORE CITY COLLEGE.

Number of schools	1
Number of male teachers	16
Number of pupils on roll December 31, 1895	663
Average number on roll during the year	620
Average attendance	570
Percentage of attendance	92

FEMALE HIGH SCHOOLS.

Number of schools	2
Number of male teachers	2
Number of female teachers	26
Number of pupils on roll December 31, 1895	1,084
Average number on roll during the year	1,007
Average attendance	921
Percentage of attendance	92

POLYTECHNIC INSTITUTE.

Number of schools	1
Number of male teachers	21
Number of pupils on roll December 31, 1895	522
Average number on roll during the year	505
Average attendance	477
Percentage of attendance	94

GRAMMAR SCHOOLS.

Number of schools	41
Number of male teachers	37
Number of female teachers	340
Number of pupils on roll December 31, 1895	14,484
Average number on roll during the year	13,891
Average attendance	12,157
Percentage of attendance	88

PRIMARY SCHOOLS.

Number of schools	74
Number of female teachers	582
Number of pupils on roll December 31, 1895	22,201
Average number on roll during the year	22,097
Average attendance	18,247
Percentage of attendance	82

ENGLISH-GERMAN SCHOOLS.

Number of schools	7
Number of male teachers	19
Number of female teachers	153
Number of pupils on roll December 31, 1895	6,780
Average number on roll during the year	6,513
Average attendance	5,843
Percentage of attendance	90

ANNEX SCHOOLS.

Number of schools	23
Number of male teachers	15
Number of female teachers	172
Number of pupils on roll December 31, 1895	7,551
Average number on roll during the year	7,055
Average attendance	5,710
Percentage of attendance	81

COLORED MANUAL TRAINING SCHOOL.

Number of schools	1
Number of male teachers	6
Number of pupils on roll December 31, 1895	79
Average number on roll during the year	85
Average attendance	70
Percentage of attendance	83

COLORED SCHOOLS.

Number of schools	21
Number of male teachers	24
Number of female teachers	167
Number of pupils on roll December 31, 1895	7,907
Average number on roll during the year	7,403
Average attendance	5,795
Percentage of attendance	78

NIGHT SCHOOLS.

Number of schools	14
Number of male teachers	41
Number of female teachers	12
Number of pupils on roll December 31, 1895	1,597
Average number on roll during the year	1,817
Average attendance	890
Percentage of attendance	49

In addition to the above-mentioned teachers there are 34 special teachers, 2 of whom are superintendents of music, 13 are teachers of drawing and 19 are teachers of sewing.

It will be seen from the above statistics that the total number of enrolled pupils at the end of the year was 62,868, of

which number 61,271 were pupils of the day schools and 1,597 in the night schools.

The average attendance in the day schools was 49,790 and in the night schools was 890, and the whole number of pupils who attended the schools during the year, excluding duplicate enrollment, was 79,000.

The average percentage of attendance in the day schools was 84, ranging from 94 in the Polytechnic Institute to 78 in the colored schools, and the percentage in the night schools was 49.

There was an increase in the number of pupils in the day schools over the previous year, but the attendance was less and more irregular in the night schools, the average attendance being lower than for several preceding years.

It is the rule of the Board that night schools shall be opened on the first Monday in October and closed on the last Friday in April. In consequence of the insufficient appropriation made for the expenses of these schools, they were opened only a portion of that time, and the attendance was therefore less and the results not as satisfactory as during previous years. It is hoped that a liberal appropriation will be made for these schools this year, so that they may be opened for the full term.

The whole number of non-resident pupils in the schools during the year was 267, being 33 more than during the previous year, and the amount received from them for tuition and use of books was $3,900, as follows:

Polytechnic Institute	$938 50
Baltimore City College	850 00
Female high schools	120 00
Male grammar schools	736 75
Female grammar schools	538 50
Male primary schools	120 25
Female primary schools	80 00
English-German schools	56 00
Annex schools	452 00
Colored schools	8 00

The average annual salary of the teachers during the year was $576, and the average per capita cost of the pupils in the day schools, based on the enrollment and total current expenses, was $18.64, and in the several grades was as follows:

Baltimore City College	$59 11
Female high schools	34 09
Male grammar schools	20 75
Female grammar schools	17 20

Male primary schools	$15 83
Female primary schools	15 41
English-German schools	14 87
Polytechnic Institute	65 20
Annex schools	18 92
Colored manual training schools	96 71
Colored high and grammar schools	20 13
Colored primary schools	14 55

SCHOOL CENSUS.

There are so many erroneous publications made with reference to the number of children of school age in our city that it would be desirable to have a correct census taken, showing not only the total number of such children, but also the number attending public and private schools, and of those who are not attending any school.

There are doubtless many children who are entitled to the privilege of free instruction who do not attend any school, but it is not possible to ascertain the correct number for want of proper statistics. It would be of great advantage to those in charge of our schools to know what proportion of children are not attending the schools, and then to adopt some proper means to secure their attendance. The missionary efforts of some of our teachers in hunting up these children, and enrolling them in our schools, might be more successful if proper data were furnished. Such an annual census is taken in many large cities for the benefit of their school systems, and ours is entitled to the same consideration. Independent of its statistical value for school purposes, such census would probably be of pecuniary benefit to the city.

It is well known that the distribution of the fund arising from the school tax collected by the State of Maryland is based upon the school population of the several counties and the City of Baltimore, and this amount is greater or less in proportion to the school population as shown by the last census. Last year the city paid a much larger amount towards this fund than it received from the State as its share of the total tax collection, and it has done so for many years. If, therefore, a correct annual census could be taken, which would be recognized by the State in this distribution, it would certainly show an annual increase in the number of children of school age, and would increase the proportion of the tax to which the city is entitled. We ask your favorable consideration of this matter and the adoption of an ordinance to accomplish the object.

FINANCIAL STATEMENTS.

The estimate submitted by the Board for the current expenses of the schools for 1895 was $1,210,590, of which the sum of $1,049,890 was for the schools in the first twenty wards, and $160,700 for Annex schools in the Twenty-first and Twenty-second Wards. The total appropriation made by the City Council was $1,161,065, and the total amount paid for current expenses was $1,149,572.72, leaving an unexpended balance of $11,492.28 to the credit of this department at the end of the year.

When the estimate was made it was supposed that several new buildings would be completed during the year, and a considerable amount above the usual current expenses would be required for the necessary furniture and other school supplies for these new buildings, but as these buildings were not finished and occupied, the expenditure for furniture and other appliances was not made. In addition to this there was very active competition among bidders for school supplies, and consequently there was a large reduction in the price of books, stationery and fuel, and on this account the current expenses were less than the estimate.

RECEIPTS.

The total receipts for current expenses of the schools were as follows:

From City Collector, taxes	$890,080 88
From State Treasurer, taxes	215,424 92
From non-resident pupils	3,900 00
From John F. Plummer	114 50
From intestate estate of Ellen Cramblett	132 10
	$1,109,652 40

This amount is $22,831.73 less than the receipts for the year 1894, and is $39,920.32 less than the expenses for the current year.

During the past year the amount of school tax paid by the city to the State was	$289,527 08
And the amount received by the city from the State was	215,424 92
Excess paid by the city to the State	$74,102 16

From this statement it will be seen that the city continues to pay annually to the State a much larger amount than it receives from the school tax, and it will undoubtedly be compelled to do so in the future unless a more equitable mode of distribution of this fund be authorized by the General Assembly of the State.

EXPENDITURES.

The total amount paid by the Board for current expenses was $1,149,572.72, and by the Inspector of Buildings on account of new buildings and improvements, and repairs of old houses, was $269,227.03. Of the amount expended by the Board $1,007,797.07 was for white schools, and $141,775.65 for colored schools, as follows:

Salaries in the first twenty wards		$823,188 95
Rent of houses for schools		9,682 33
Books and stationery		50,058 89
Heating apparatus and repairs		10,087 83
Furniture		15,594 91
Fuel		30,118 32
Repairs and cleaning		10,108 13
Incidentals, printing and supplies		8,903 02
Night schools		7,240 12
Polytechnic Institute		34,034 84
Colored Manual Training School		7,640 50
Annex schools, for salaries	$116,108 90	
Annex schools, for all other expenses	26,805 98	
		142,914 88
		$1,149,572 72

In addition to the above payments for current expenses a special appropriation of $1,500 was made for the purchase of flags for the school buildings, of which $500.63 was expended. The flag-poles were not finished during the year, and when placed on the buildings during this year will be paid from the appropriation for 1896.

The amounts expended by the Inspector of Buildings were as follows:

In the first twenty wards—	
Western Female High School, new, on account	$76,647 86
English-German School No. 6, new, in full	33,344 26
Primary School No. 35, new, in full	28,296 90
Baltimore City College, new, on account	72,428 81
Primary School No. 34, new, on account	12,859 75
Primary School No. 37, new, on account	1,053 18
Colored School No. 10, new, on account	20,676 58
Primary School No. 4, new, on account	304 26
Colored School No. 9, new, on account	15 00
Fire-escape in Primary School No. 20	488 38
Partition in Primary School No. 5	125 00
Alarm-boxes	4,300 00
General repairs of old houses	16,487 05
	$267,027 03
For general repairs to old houses in Twenty-first and Twenty-second Wards	2,200 00
Total amount	$269,227 03

It is impossible to avoid the annual repairment of our old school houses, and the appropriations for this purpose should be liberal. Some of them have been in such bad condition as to be unfit for school use—unhealthy for teachers and pupils, and in some instances absolutely unsafe. Until these houses can be replaced by new ones, adapted to the wants of our schools, it will be necessary for the Inspector of Buildings to make frequent inspections and repairs, at considerable expense, and it would therefore be judicious to sell some of the old houses now in use and at once to erect new ones more commodious and comfortable.

ESTIMATES FOR 1896.

The estimate for current expenses of the schools for 1896 is $1,252,929.37, of which $1,104,655 is for the schools in the first twenty wards, and $147,275 for Annex schools in the Twenty-first and Twenty-second Wards, as follows:

For salaries		$870,175 00
For rents of houses for schools		13,535 00
For books and stationery		57,680 00
For heating apparatus and repairs		12,600 00
For furniture in old buildings		5,775 00
For furniture in Western Female High School		5,250 00
For furniture in Primary Schools No. 34		2,362 00
For furniture in Primary Schools No. 37		2,362 00
For furniture in Colored School No. 9		4,200 00
For furniture in Baltimore City College		15,700 00
For fuel		36,050 00
For repairs and cleaning		12,600 00
For printing, incidentals and supplies		11,500 00
For Polytechnic Institute		35,116 00
For Colored Manual Training School		7,750 00
For night schools		12,000 00
Total amount for first twenty wards		$1,104,655 00
For Annex schools, salaries	$115,775 00	
For Annex schools, all other expenses	31,500 00	
		147,275 00
		$1,251,930 00
For balance of appropriation for flags		999 37

The Committee on Accounts and the Secretary have carefully examined the expenditures of the past year, and on that basis, and the increasing wants of the school, have estimated for the current expenses of this year. This estimate is larger than the amount expended in 1895, but the detailed

report of the committee shows satisfactorily why the amount is increased. The certain increase in the number of pupils and teachers will necessarily increase the expenses for salaries and books and furniture, and other school supplies, and the appropriation must be proportionately increased.

The items of the estimate shows how the appropriation will be applied, from which you will see a considerable amount will be required for furniture for the Baltimore City College and other new buildings which will probably be completed during this year. If any of these buildings are not finished and occupied the amounts intended for furniture will not be expended but will revert to the city, as during the last two years. It is, therefore, earnestly recommended by the Board that the full amount of its estimate be appropriated, with the assurance that it will be judiciously expended for the best interest of our schools.

SCHOOL HOUSES.

There are 131 houses occupied by the schools, of which 95 are owned by the city and 36 are rented. The amount paid for rented houses during the year was $9,682.33. There are about 5,000 children in these rented houses because there is no room for them in the school houses belonging to the city. Most of these are small dwellings without sufficient ventilation or light, and the rooms will not accommodate more than twenty or thirty children, being about half the number assigned by the rules to a teacher.

We again express our regret that it is necessary to rent such houses for the use of our schools. Of course, the owners of large and valuable houses will not rent them for school purposes, and the Board is therefore compelled to take old dwellings or halls, which are generally unfit for school use and are detrimental to the health of the teachers and pupils. It is impossible for the schools that occupy these houses to perform their work as satisfactorily or successfully as those which have better facilities in regular school houses. The proper remedy for this existing evil is to erect more commodious buildings until the present want is supplied. The present mode of making appropriations for this purpose should be changed. It is now the rule to make a moderate appropriation for the purchase of a lot and the erection of a building, and they have to be obtained within the limits of the appropriation, and the result often

is that an inferior building is erected too small to furnish the necessary accommodations for a growing school. The better rule would be to prepare a plan of a commodious model school house and have an estimate made of its probable cost by the Inspector of Buildings, and then an appropriation be made by the City Council of the full amount of the estimate. By the adoption of this method new school houses could be erected of sufficient size to accommodate not only the present number of pupils, but also the annual increase, and thus avoid the necessity for enlarging a new house at greatly increased cost.

Several new buildings are now in course of erection, which will probably be completed during this year, and better facilities will then be furnished to several primary schools, which are now occupying rented houses. A desirable lot at the corner of Linden avenue and Konig street has been purchased for the use of Annex School No. 18, and a lot at the corner of Carey and Chappell streets for the use of Colored School No. 9, and appropriations have been made for the erection of new buildings on these lots, and the plans for these buildings are now being prepared by the Inspector of Buildings.

The new building for the Western Female High School, at the corner of Lafayette avenue and McCulloh street, has been accepted by the city and will be occupied by the school in a short time, and it is hoped that the commodious new building for the use of Baltimore City College will be completed during this year. The building at the corner of Pennsylvania avenue and Dolphin street, now occupied by the College, is incommodious and has not sufficient number of class-rooms, and its work is therefore much hampered on this account. In pursuance of an ordinance of the Mayor and City Council the old building on West Fayette street, formerly occupied by the Western Female High School, has been leased to the Fourth Regiment of Maryland, National Guards, and will hereafter be used as an armory.

The Board will apply to the City Council for appropriations for new buildings for the following-named schools, and hope that the necessary amounts will be appropriated so that the buildings may be commenced during this year.

Eastern Female High School.—We renew our previous application for an appropriation for the construction of several additional class-rooms for this school. The number of pupils

is increasing from year to year, and it is our duty to furnish increased facilities to enable them to properly perform their work. In his annual report the principal of the school again calls our attention to the necessity for more class-rooms and says: "This lack of facilities interferes seriously with the comfort of teachers and pupils and is a hindrance to the proper conduct of the school." This request is proper and reasonable and should be favorably considered by you, and we recommend that an appropriation of $15,000 be made for this purpose.

Grammar and Primary Schools No. 9.—An ordinance has heretofore been passed by the City Council authorizing the leasing of a suitable lot of ground, upon which a new building shall be erected for these schools, but no appropriation has been made for the cost of the building. These schools occupy rented houses on Calvert street and Courtland street, and the teachers and pupils have been faithfully performing their work under many disadvantages. There is a large school population in that neighborhood in addition to those attending the schools who would attend if proper accommodations were furnished, but whose parents are unwilling to confine them in rented dwellings because they believe them to be detrimental to their health. We renew our previous request for a liberal appropriation for a new building for these schools.

Male and Female Primary Schools No. 6.—There are nearly 1,000 children in these schools, which occupy a very uncomfortable house on Ann street, near Canton avenue. It has been necessary to rent another house at $300 per annum to accommodate the overflow of pupils, and neither house is now suitable for school use. It is a populous neighborhood, and these schools will probably always be largely attended. An inspection of these houses will satisfy you of the necessity for a new building for these schools, and we ask a liberal appropriation for the purchase of the adjoining ground, or a suitable lot elsewhere, and the erection of a new building.

Annex Female Grammar School No. 3.—This school is now occupying a rented house on Twentieth street and is uncomfortably crowded. It will probably receive a large accession of pupils at the opening of the schools in September next, and it will then be difficult to obtain accommodations for them. There is no other grammar school in the Northern Annex between this school and Annex No. 2 at Waverly, and it is therefore due to the residents of that large district

that a new building should be erected for their accommodation between Twenty-fifth street and Waverly. We ask a liberal appropriation for the purchase of a lot and the erection of a large building in that district.

Colored Primary Schools No. 8.—These schools now occupy the old school house at the corner of Ashland avenue and Bond street, which has two annexes in rented dwellings. There are about 800 pupils and twenty teachers, who are performing their school work under many disadvantages. We have heretofore asked for a new building for this school in the northeastern section of the city and again renew our application.

Colored Grammar School in West Baltimore.—There are three colored primary schools in the western part of the city, but no grammar school, and the grammar school pupils therefore have to walk a long distance to attend the nearest grammar school, No. 1, on Saratoga street, near Charles street. The Board has authorized its Committee on Colored Schools to organize a grammar school in that part of the city, and therefore requests an appropriation to purchase ground and erect a suitable building for the proposed school, which will have to occupy a rented house until a new building is erected for its use. It is, therefore, respectfully requested that the appropriation be made at once, so that the building may be completed this year.

SCHOOL HOUSE BONDS.

In its last annual report this Board requested the Mayor and City Council to pass an ordinance authorizing the issue of $500,000 public school bonds, to be applied exclusively to the erection of new school houses, but no action was taken on the subject. The Board now renews the application with the hope that the proposition will receive your favorable consideration. The General Assembly will soon convene and its assent can then be obtained, and the ordinance can be submitted to the people in the fall for their approval. This amount would be sufficient to erect all the school houses that will be needed for several years and would relieve the city of the annual taxation for this purpose. Whilst it is true that our citizens cheerfully pay their annual taxes for the current expenses of our public schools, yet many of them feel that the cost of erecting new houses should be paid by those who enjoy the benefit of them in the future, and

that it would be proper policy for the city to issue bonds for this purpose.

CONDITION OF THE SCHOOLS.

The general condition of our schools is very satisfactory. The number of pupils has increased, the teachers have continued to perform their duties with zeal and fidelity, additional facilities have been furnished by the erection of several new houses, and there is undoubted evidence of progress and improvement during the past year. Our system of schools is symmetrically graded, and furnishes suitable education for every class of children in our community. It has secured the sympathy and approval and support of a large majority of our citizens, as is shown by the annual increase of pupils, in spite of the carping criticism of a few fault-finders who seem to prefer an illiterate community rather than one that is intelligent and educated.

Whilst such good results have been obtained there is reason to believe that our schools will attain even greater excellence in the future. It would be folly to assert that they cannot be improved. This is not true with reference to ours or any other system of public instruction. There is room for further improvement of all, and during each successive year of their existence the experienced educator will probably find something to omit and much to add. But, in proportion to the facilities of our school, they seem to furnish an education as liberal, thorough and practical as any one could reasonably expect.

It is undoubtedly the duty of those in charge of every system of public education to furnish not only elementary and intermediate instruction, but also the most advanced that may be desired. The public schools of our country are not now what they once were. Their opponents complain that too much education is often furnished at public expense and charge that the original purpose of free schools was to provide only rudimentary education for the poor and illiterate classes of society.

We do not believe that such were the views and purpose of the founders of our system, but if they were, public sentiment has changed since then and now repudiates such narrow and illiberal notions.

We believe it to be our duty to furnish such education to the pupils of our schools as will fit them to perform success-

fully their duties to the community in whatever sphere they may be called to act. They are entitled to the same chances of success in the future as the pupils of the most favored private institutions of learning, and our schools should be so thorough and complete in their methods of instruction that there should be no necessity for our pupils to seek additional education elsewhere.

Whilst thus furnishing all the education that can be necessary for the ordinary business of life, we have endeavored not to overburden the pupils of our schools or to tax them beyond their strength. It would be inexcusable folly to burden the brains of our children at the expense of their vital energies, and we hope never to be guilty of such wrong.

The general discipline of the schools has been satisfactory and there has been less corporal punishment than during many previous years. The reports show that most of the schools are controlled without resort to this mode of punishment, and it is hoped that ere long it may be dispensed with entirely. The Committee on Discipline has had but few cases for investigation, and these have been easily settled.

TRAINING SCHOOL FOR TEACHERS.

We renew the application made in our previous reports for authority to establish a training school for teachers, and hope that you will favorably consider the matter. It is impossible for those engaged in the important work of public education to understand why there should be any hesitation in granting this request. If there is one part of a system of public instruction of more importance than all others, it certainly is the preparation of teachers for their educational work, and every possible opportunity should be furnished them for this purpose. There surely can be no necessity to present an elaborate argument to prove the necessity which exists for such a school as a part of our system. Our City College and Female High Schools furnish their students the literary instruction which is necessary for a teacher, but they are not instructed as to the best methods of imparting their knowledge to their pupils. This is probably the chief defect in our system of public education and should be promptly remedied. Our teachers are generally faithful and zealous in their work, and accomplish good results, but many of them would do better work if they had received proper instruction in the art of teaching in a train-

ing school. In every department of professional business it is an admitted fact that preliminary training is necessary to secure the best results. Empiricism may sometimes succeed, but its success is generally transient,—they only accomplish the best and lasting results who are best fitted for their work. In all the large cities of our country, and elsewhere, where there are public school systems, training schools are established and liberally supported. It is our desire that our schools should rank with the best, and for the purpose of maintaining such position it is necessary that our teachers should be cultured and well trained for their work. They should have the same opportunities as those of other cities, and we, therefore, again urge you to authorize our Board to establish a proper training school as a part of our system of public instruction.

COOKING SCHOOLS.

Instruction in sewing is now given to the girls in our schools under the direction of nineteen special teachers, and its value is highly appreciated in our community. But authority for this purpose was granted by the City Council only after repeated applications were made by the Board and at the earnest solicitation of many citizens who believed it would be of great benefit to their children. We are now experiencing the same difficulty with reference to instruction in cooking, but are hopeful that a favorable response will soon be made to our oft-repeated applications.

A cooking school was established in the southern section of our city, for the use of the pupils of our schools, by a committee of ladies interested in the public schools who furnished the building for the purpose and paid all the current expenses. A large number of children have attended and received instruction in the art of cooking, and its work has been a decided success and highly appreciated by the children and their parents.

The object of these ladies is to illustrate the practical value and great use of this kind of instruction to the girls of public and private schools, with the hope that the city will be induced to authorize the Board to establish several other schools for this purpose. As instruction is now given in all branches of manual training to the boys, and in sewing to the girls, it is now deemed proper to extend the system for girls by furnishing them instruction in cooking. Whilst it

probably was not the intention of the founders of our system that instruction in these branches of industrial education should be given to the pupils of our schools, yet public sentiment has generally favored them, and they now constitute a part of the curriculum of many public schools.

SCHOOL CHILDREN'S SIGHT.

The Committee on Health recently considered the matter of making an examination of the eyes of the children in our public schools for the purpose of ascertaining the number who are suffering from defective vision, and also to ascertain the causes and remedy for this affliction. After a full consideration of the subject they reported the following resolutions, which were adopted by the Board, and the committee was authorized to continue their investigation:

Resolved, That the eyesight of all the children in the public schools shall be tested by the school teachers at the beginning of each school year (the work this year to be done as soon as practicable), and a record kept by which any deterioration which may take place may be noted from year to year.

Resolved, That the Committee on Health appoint two or more oculists of recognized standing, (who shall serve without pay), whose duty it shall be to instruct the teachers in the proper methods of making said examinations and keeping said records, to fix proper standards of sight, and to make, from time to sime, such reports and recommendations to said committee as they may deem advisable, to the end that the children in the public schools of Baltimore shall receive the least possible injury to their eyesight during their school life.

Resolved, That the said oculists shall be privileged to visit the schools when necessary and also to examine any scholar's eyes.

In accordance with these resolutions the committee appointed Dr. Hiram Woods, Jr., and Dr. Herbert Harlan, who have prepared the preliminary work for a systematic examination of the children's eyes. Their view is to have an examination made when the child enters school, and also at the beginning of each scholastic year, with a view of preventing injury to those whose sight is not good enough to justify them in doing the work that they would have to do in school, and also to inform them when they need the attention of an oculist. Whenever a child's sight is found to be below a safe standard for school work the parent will be notified of his condition with a view to relieve the child by abstaining from further school work, or for the treatment by an oculist if deemed necessary. The notice to the parents

of the child's condition is intended to induce them to act promptly for the child's relief, and if this advice is accepted by the parents many children will be relieved of their present suffering and their eyesight preserved for future use. These oculists will act in a supervisory capacity with reference to this subject, and with that view will examine the class-rooms to see if they are properly lighted and whether the desks are in proper positions, and generally any other matter which may contribute to produce defective eyesight to the children.

This is a most important subject, and the Committee on Health will continue to give it their full consideration, and will hereafter report the results of their work. It is a matter of regret that so many school children now suffer from defective eyesight and are compelled to wear glasses, and it is hoped that this investigation of the condition and causes may result in benefiting many children in our schools.

APPOINTMENT AND PROMOTION OF TEACHERS.

The appointment and promotion of teachers will hereafter be made upon the *merit system.*

By the rule of the Board recently adopted the graduates of Baltimore City College and the two Female High Schools, and the female graduates of Maryland State Normal School, and those who pass the regular semi-annual examinations of the Board, shall be eligible as teachers, provided they receive the averages of scholarship now or hereafter prescribed.

Graduates of the Baltimore Polytechnic Institute may be selected for any position therein and in the Colored Manual Training School, and the instructors in the mechanical departments in these two schools may be chosen by the Board from among such applicants as may present themselves for appointment to vacancies in those deparments.

The graduates of the Colored High School and those colored applicants who shall pass the regular semi-annual examinations of the Board, shall be eligible as teachers in schools wholly in charge of colored faculties, provided they obtain the average of scholarship now or hereafter prescribed by the Board.

The lists of eligible teachers shall be prepared by the Superintendent, and the names of these teachers shall be arranged in accordance with the final average of scholarship of each, or the average attained at the examination, so that

the name of the one who has attained the highest average stands first, the one who has the next highest, second, and so on to the lowest, and if any two or more shall have the same average then their names shall come in alphabetical order.

When a vacancy occurs in any school the applicant who stands highest on the list shall receive the appointment, except in certain cases which are specially excepted by the rule. Every appointee shall serve for a probationary period of twelve months before permanent election, and the superintendents and principal of the school in which the appointee is teaching shall make a report to the Board at the end of every quarter with reference to the efficiency and fitness of such appointee before he or she is elected.

Heretofore all the teachers were annually elected in the month of June, but that rule of annual election has been superseded, and now a teacher once elected shall hold his or her position during good behavior and efficient service.

It is believed that this new rule for the appointment and promotion of teachers on the merit system will be a benefit to the schools, and it will certainly relieve the Commissioners of frequent annoyance and embarrassment in the selection of teachers. The supply of candidates is far in excess of the demand for teachers, and few only can be annually appointed and many must necessarily be disappointed. In making his selections the Commissioner may exercise his best judgment, and his appointments may be for the benefit of the schools, and yet he is frequently unjustly charged with being controlled by political or other improper influence by the friends of those who do not obtain appointments. Under the merit system the teachers practically appoint themselves, as those who have the best records secure the positions, and the Commissioners will thus be relieved of this unpleasant duty, and it is hoped will avoid the unjust censure to which he is now subjected.

SUPERVISION OF SCHOOLS.

There are now only two Superintendents, in charge of 185 schools and 1,667 teachers. The Superintendents are required to make daily visits to these schools, to examine the work of the classes, to assist the teachers in the performance of their duties, to report to the Board from time to time the condition of the schools, and to make such recommendations as they may deem proper for their improvement. In addition to these duties they are required to

attend at their offices a part of every day to afford to citizens and strangers information with reference to the schools; to prepare all the questions for the examination of applicants for positions of teachers, and conduct the examinations of candidates for admission to the State Normal School and other institutions throughout the State to which residents of our city are entitled to be admited on competitive examination, and to perform many other duties as prescribed by the rules of the Board.

There are about 1,344 classes of various grades in our schools, and it must be apparent that it is impossible for the two Superintendents to visit and examine these classes as often as is desirable for their improvement. These Superintendents were appointed many years ago, when the number of schools and teachers was much less than at this time, and it is now important for the interests of the schools that additional Superintendents should be appointed. It is generally agreed by educators that there should be at least one Superintendent for every 250 to 300 teachers in public schools to obtain the best results, and in nearly all the large cities the number of Superintendents is at about that ratio. In view of the existing necessity for more thorough supervision of our schools, we respectfully ask for authority to appoint three additional Assistant Superintendents.

PUBLIC SCHOOL LIBRARY.

The report of the Librarian shows that the number of books in the library at this time is 8,421, being an increase of 586 during the past year. There was a large number of teachers who used the library, and 7,020 books were taken out by them during the year. This library contains a large collection of valuable works on the theory and practice of teaching, which are in constant use by our most progressive and successful teachers.

There can be no question about the value of school libraries, and they have always been found to be of great aid to teachers and advanced students. There are other libraries in our city, of some of which our teachers may have free use, but there are none so well adapted to their special wants as our School Library, and we hope that liberal appropriations will be made for its future increase. The State of Maryland recognizes the value of such educational instrumentalities by directing the County School Boards to make an annual

appropriation for the support of free libraries in every school district for the use of teachers and pupils. The City of Baltimore should certainly do as much for its schools, and it is hoped that it will receive official encouragement.

The Librarian continues to perform his duties to the best of his ability under existing circumstances. The library is still in rented rooms of a private dwelling with insufficient accommodations for such a large collection of books. But this inconvenience will probably not be continued very long, as several rooms will be provided for the library in the new City College building, which will probably be completed during this year.

APPOINTMENT OF COLORED TEACHERS.

By an ordinance of the Mayor and City Council, approved May 3, 1888, the Board was directed to appoint colored teachers in all colored schools thereafter established, and in pursuance of this ordinance there are now 35 colored teachers employed in the schools. There were 7,907 colored pupils on roll at the end of the year, with an average attendance of 5,795 during the year, and in addition to the 35 colored teachers there are 156 white teachers in these schools. As most of these schools had been established before the passage of the above-mentioned ordinance, and were under the charge of experienced white teachers, it has not been deemed desirable or for the benefit of these schools to displace these teachers for the purpose of appointing colored teachers.

There are now 18 eligible colored applicants, who will be appointed to fill vacancies that may occur in these schools. There will be two or three new colored schools established during this year, and colored teachers will be appointed in these schools, so that probably by the end of the year all those who are now eligible, or may become so during the year, will have obtained positions as teachers.

There is no disposition on the part of the Board to do the slightest injustice to colored applicants, but they must learn to wait, like white applicants have done, and their patience will be rewarded by obtaining positions in the schools. Nearly all those who are eligible only became so in 1895, about six months ago, whilst the white graduates of our high schools often have to wait two or three years before obtaining appointments. These candidates should prepare

themselves for their future work by substituting in the colored schools whenever they have an opportunity of doing so, and thus become better fitted for their work.

Whilst the Board very cordially yields to the request of many colored people in our community for the appointment of colored teachers in these schools, yet there is some doubt whether it will be for the best interest of the children, and there are many colored parents who entertain that opinion and freely express it to the Commissioners. It has been generally argued that the colored teachers will be in more active sympathy with pupils of their own race and will thus obtain better results. But that has not been our experience in the schools under the charge of colored teachers. Whilst there are some of them who are industrious and faithful and effect good results, yet these schools are not more successful than those under the control of white teachers. But they will probably improve with enlarged experience and proper opportunities, and public sentiment justifies us in giving them every possible facility for future improvement.

SCHOOL REFORM AND CRITICISM.

In every community there seems to be a number of persons whose chief occupation is to find fault with those who are in authority and to criticise their management of public affairs. This class of persons is seldom intrusted with official power because they are generally ignorant of the proper methods of conducting public affairs and are not worthy of public confidence. Many of this class seem now to be busily engaged in discussing school reforms and proposing new methods for the management of public schools throughout the country. These ubiquitous critics find fault with the manner of appointing those who are in charge of the schools and with their official management. Most of these criticisms are the flippant utterances of persons who are ignorant of school work and are incompetent to judge the subject of which they undertake to give advice. The charge that they most frequently make is that members of Boards of Educations are appointed from political considerations alone, and that they become subservient representatives of those by whom they have been appointed, and thus unfit teachers are often selected for the schools.

Our schools and their management have not escaped this unjust style of criticism. If this charge was true with ref-

erence to our schools there certainly would be cause for complaint, and the public would have the right to be indignant that this important trust has been so grossly misused. But the record of our schools and their satisfactory results show that these charges of mismanagement against the department of education of our city are in many respects unjust and untrue. No political or sectarian influence is required to obtain the position of teacher, and the Board is fully justified in repelling all such unjust accusations and denouncing as demagogues those persons who persistently make such charges without any evidence to sustain them.

The Commissioners of Public Schools are invested with large powers and control the most important interest in our community, and they should be persons of intelligence, probity and fitness for the office, and should not be appointed from political or sectarian considerations. They should be willing to solicit and accept the advice and assistance of all intelligent friends of public education, and to remove all existing errors from our system as rapidly as possible. It may be true that in our schools, as elsewhere, the best methods of instruction may not always be adopted, nor the best teachers appointed, nor the best results obtained, but we labor from year to year with the hope of removing errors and improving our system, and with this view we cordially solicit the intelligent criticism of all citizens who will co-operate with us in this educational work.

IN MEMORIAM.

It is again our sad duty to announce the death of several experienced and successful teachers, some of whom have been connected with our schools for many years. They conscientiously and faithfully performed their work and won the respect and affection of their pupils.

We appreciated their devotion to duty and will always remember them as useful co-workers in the cause of public education.

M. LOUISA MULLIN,

Principal, Male Primary School No. 16. Died February 16, 1895.

EMMA W. WOODWARD,

Assistant, Female Primary School No. 1. Died April 9, 1895.

SARAH E. SMITH,

Assistant, Male Primary School No. 8. Died August 1, 1895.

MARY A. JOICE,

Principal, Female Primary School No. 13. Died August 20, 1895.

CLARA FEAST,

Assistant, Female Primary School No. 11. Died October 20, 1895.

RACHEL E. PRILL,

Assistant, Annex School No. 6. Died November 20, 1895.

CONCLUSION.

In submitting this brief report of its transactions during the past year, the Board invites your cordial co-operation in its future work, with the assurance that it will cheerfully receive and consider the advice of all persons who are sincerely interested in the cause of public education.

Some changes have been made during the past year which we hope will result in the benefit of the schools. We cling to old methods which have stood the test of years, but we will willingly adopt any new plans of instruction and management which will advance the interest of the schools.

Our city has shown its appreciation of the importance of free education by the liberal support of our system of instruction, which has secured popular favor. The class opposition, which once existed against free education at the public expense, has disappeared and public schools are no longer classified with public charities. A large majority of our best citizens have received their education in these schools, and they remember with respect and gratitude their alma mater.

Their continuing prosperity in the future will depend largely upon those who may be appointed to manage and direct this important department of our city. They should be free from sectarian and political influence. It matters not what may be a man's political views or religious sentiments in private life, when he accepts the office of Commissioner of Schools it is his duty to divest himself of all religious or political prejudices in this new relation and act solely for the welfare of the children and the success of the schools committed to his charge. Any other rule of official conduct will tend to demoralize our system of public education and thwart the noble purpose for which it was founded.

We do not know what plan may be adopted for the appointment of our successors, but we sincerely hope that whatever change is made may be for the best interests of our schools and promotive of their success.

JOHN T. MORRIS, *President.*

ANNUAL REPORT

—— OF THE ——

COMMITTEE ON ACCOUNTS.

BALTIMORE, December 31, 1895.

To the Board:

By the rules of the Board, it is made the duty of the Committee on Accounts to audit all bills against the Board, and report upon their correctness.

In compliance with the rule above referred to, your committee respectfully reports that during the past year it has carefully examined and audited bills amounting to $177,512.12, which, with $972,060.60, the amount of the pay-rolls, which are signed by the President and Secretary, gives the amount of the current expenses of the Board $1,149,572.72.

The committee also audited bills to the amount of $500.63, to be paid out of a special appropriation of $1,500 for flags to be placed on the public school buildings.

Your committee further reports that, as required by the rules of the Board, it has examined the accounts of the Secretary, and has found them to be correct.

His accounts show that he has received from non-resident pupils the sum of $3,900, and from the intestate estate of Mrs. Ellen Cramblett $132.10, all of which he has paid over to the City Register, as shown by the receipts of that officer.

In compliance with the custom which has placed upon this committee the duty of preparing the estimates for the ensuing year, the following are submitted:

ESTIMATES FOR 1896.

For all schools in the first twenty wards	$1,104,655 00
For the schools in the Twenty-first and Twenty-second Wards	147,275 00
For balance of appropriation for flags	999 37
Total	$1,252,929 37

The above amount, or so much thereof as shall be appropriated, to be expended as specified in city ordinance for

"the several purposes, and as far as practicable, in the proportion specified in the statement of estimated expenses," which "estimated expenses" itemized are as follows:

For salaries, first twenty wards		$870,175 00
For rents, first twenty wards		13,535 00
For books and stationery, first twenty wards		57,680 00
For heating apparatus, first twenty wards		12,600 00
For furniture in old buildings, first twenty wards		5,775 00
For furniture for Western Female High School		5,250 00
For furniture for Primary School No. 34, twelve rooms		2,362 00
For furniture for Primary School No. 37, twelve rooms		2,362 00
For furniture for Colored School No. 9, twenty-one rooms		4,200 00
For furniture for Baltimore City College		15,700 00
For fuel, first twenty wards		36,050 00
For repairs and cleaning, first twenty wards		12,600 00
For incidentals, printing, etc., first twenty wards		11,500 00
For Night Schools, first twenty wards		12,000 00
For Polytechnic Institute		35,116 00
For Colored Manual Training School		7,750 00
Total, first twenty wards		$1,104,655 00
For Annex, salaries	$115,775 00	
For Annex, sundries	31,500 00	
		147,275 00
Total current expenses		$1,251,930 00
For balance of appropriation for flags		999 37

It is the custom of this committee to accompany the estimates with some reasons showing why we will require the amounts estimated.

If the number of schools, of teachers and of pupils remained the same from year to year, it would be an easy matter to estimate the amount required, but when the increase in the number of pupils varies, as it has in recent years, being 2,700 in one year, in round numbers, and the next year only 1,400, who can predict what the year 1896 will bring forth in this particular.

In view of the above facts concerning the increase of pupils in past years, it will readily be seen how difficult it is; in fact, how impossible it is, to estimate with any degree of exactness the requirements of the coming year.

We have considered the increase of pupils and the corresponding expenditures of a few years past, and on these facts of the past have calculated what will be the probabilities of the coming year, and made our estimates accordingly.

FOR SALARIES.

The amount expended for salaries in 1895 was $823,188. The average increase of salaries for the last four years is $34,826, which, added to the amount expended during 1895, gives $858,014. And further, the schools which were formerly Annex School No. 12, and Colored Annex School No. 4, have been moved into new buildings within the limits of the first twenty wards, and pay-rolls of those schools to the extent of $12,168 must be added to the above, making a total of $870,182. We have fixed our estimate for this item at $870,175.

RENTS.

The amount expended on account of rents in the first twenty wards during the past year was $9,682.33, but several additional buildings were rented during the last four months of the year, making the rent account, as it now stands, $12,891. After a close calculation we have added to this amount the small sum of $644, making the estimate for this item $13,535. We have at the present time, including the Annex, thirty-six rented buildings used for school purposes, most of them dwelling-houses, with small, badly ventilated, badly lighted, uncomfortable rooms, too small to seat comfortably more than from twenty to thirty pupils, though our rules require an average of forty pupils to a teacher. A teacher is required in every room, whether there be twenty or fifty pupils. These facts, we think, are all the explanation needed for many of the so-called surplus teachers.

BOOKS AND STATIONERY.

The amount expended on this account during the past year was $50,058. The same orders with the contract prices of 1894 would have cost more than $62,000. We have no reason to expect a reduction in the number of orders if the schools are to receive the supplies which they need, and we have no reason to expect for another year the low prices which we obtained last year.

The changes made in the list of books in the past year, though made in a manner as economical as possible, will add somewhat to the expenditure during the coming year. Our estimate for this item, after careful calculation, is $57,680.

HEATING APPARATUS.

Amount expended during the past year was $10,087. This item includes not only all new stoves and furnaces, but also all repairs of the heating apparatus of all descriptions. There are about nine hundred stoves and furnaces in the schools, and they are at times subjected to rather severe tests in order to bring the temperature of the buildings up to the proper degree.

The repairs of the past year were very economically made, and as every additional building brings additional expense for this item, as well as all others, we have fixed the estimate at $12,600.

FURNITURE.

The amount expended for this item in the past year was $15,594, which was several thousand dollars less than was expected when the estimate was made, for the reason that some of the buildings for which estimates were made were not completed and ready for furniture.

The amount required for furniture in the coming year will necessarily be large, owing to the number, the grade and the size of the buildings to be furnished.

The schools for which all new furniture will be required are specified in the estimate. The amounts carefully calculated on the contract prices for the year cannot safely be reduced.

The total estimate for this item is $35,649.

FUEL.

Amount expended during the past year was $30,118. This amount was required, although the contract prices for coal were, on an average, about seventy cents per ton less than the year before, which on five thousand tons was a saving of $3,500, which shows how carefully and accurately the estimate of $33,000 for the year 1895 was made, and we believe our estimate for the coming year will prove equally accurate.

Our estimate is $36,050.

REPAIRS AND CLEANING.

For this item there was expended during the past year $10,108. The expense of all repairs to rented buildings must be paid by the Board, while repairs to other buildings

are made by the Inspector of Buildings and paid for by him. Consequently, as the number of rented buildings is greater than ever before, the amount required for this item must necessarily increase, and we have consequently fixed our estimate for this item at $12,600.

INCIDENTALS.

Amount expended in past year was $8,903. Under this head are included all expenditures for printing, advertising; janitress' supplies, such as buckets, coal-hods, shovels, etc.; the erection of coal-bins, fitting up rented buildings, and all other articles which are not properly chargeable to the other items named. As it is expected that several new buildings will be completed during the coming year, the expenditures under this head will be very considerably increased.

Our estimate is $11,500.

We estimate for night schools $12,000.

The estimates for the Polytechnic Institute and the Colored Manual Training School are made by the principals of those institutions, and approved by the Standing Committee.

ANNEX SCHOOLS.

There was expended for salaries in the Annex in 1895 $116,108, and for all other items $26,806. Two schools formerly in the Annex have moved into their new buildings within the first twenty wards, but it is the intention to organize another school in the northern section. Our estimate for salaries is considerably less than the expenditures of the past year.

We make the estimate for salaries $112,425, and for all other items $30,000.

As only $500.63 of the $1,500 appropriated for flags has been expended, we have asked a reappropriation of the remaining $999.37.

We conclude this report by stating that the estimates as hereinbefore given are made after very earnest consideration and careful calculation.

In 1894 our estimates were made with great care, and we then believed that all that was asked for would be required, but owing to the fact that some buildings, for the furnishing and equipping of which estimates were made, were not completed, a large amount was unexpended.

The same was the case in 1895, and in addition to that there was a large reduction in the price of books, stationery, fuel, etc., which enabled the Board to conduct the schools with much less than the estimated amounts.

We cannot, however, foresee any probable cause which will tend to reduce the expenditures of the coming year below these estimates, and we trust the authorities will appropriate the amounts asked.

Respectfully submitted,

JAMES L. MURRILL,
W. H. B. FUSSELBAUGH OF J.,
GEORGE F. LOUDERMAN,
JOSEPH P. McGONIGLE,
CHARLES C. STIEFF,
Committee.

SECRETARY'S STATEMENT

OF

ESTIMATES, EXPENDITURES, ETC., ON ACCOUNT OF PUBLIC SCHOOLS IN 1895.

The estimates made by the Board for the current expenditures for school purposes for the year 1895 were as follows:

For salaries, not including the Polytechnic Institute, nor the Colored Manual Training School, nor Night Schools, in first twenty wards	$825,000 00
For items other than salaries in first twenty wards, excluding as above	168,000 00
For Polytechnic Institute	33,490 00
For the Colored Manual Training School	8,400 00
For Night Schools	15,000 00
For salaries in the Annex Schools	128,400 00
For other items in the Annex Schools	32,200 00
Total	$1,210,490 00

In making the appropriation, the Mayor and City Council reduced the amount to the extent of $62,700.

The items from which these reductions were made were the following:

From salaries, general account	$10,000 00
From rents, general account	4,000 00
From books and stationery, general account	3,000 00
From heating apparatus, general account	3,000 00
From furniture, general account	5,000 00
From fuel, general account	2,000 00
From repairs and cleaning, general account	4,000 00
From incidentals, general account	5,000 00
From Night Schools, general account	8,000 00
From salaries, Annex	13,500 00
From sundries, Annex	5,200 00
Total	$62,700 00

At the sessions of the Council in the fall additional appropriations were made as follows:

For salaries in the first twenty wards	$8,200 00
For rents in the first twenty wards	3,675 00
For salaries in the Twenty-first and Twenty-second Wards	1,300 00

THE FOLLOWING STATEMENTS SHOW THE AMOUNTS APPROPRIATED AND EXPENDED FOR THE ITEMS NAMED.

Salaries—First Twenty Wards:

Appropriated	$823,200 00
Expended	823,188 95
Unexpended	$11 05

Other than Salaries—First Twenty Wards:

Appropriated	$145,675 00
Expended	134,553 43
Unexpended	$11,121 57

Baltimore Polytechnic Institute:

Appropriated	$33,490 00
Expended	34,034 84
Overdrawn	$544 84

Colored Manual Training School:

Appropriated	$8,400 00
Expended	7,640 50
Unexpended	$759 50

Night Schools—First Twenty Wards:

Appropriated	$7,000 00
Expended	7,240 12
Overdrawn	$240 12

Annex Schools—Salaries Twenty-first and Twenty-second Wards:

Appropriated	$116,300 00
Expended	116,108 90
Unexpended	$191 10

Annex Schools—Other than Salaries:

Appropriated	$27,000 00
Expended	26,805 98
Unexpended	$194 02

Total in First Twenty Wards:

Total appropriations	$1,017,765 00
Total expenditures	1,006,657 84
Unexpended	$11,107 16

Total in Annex Schools:

Total appropriations	$143,300 00
Total expenditures	142,914 88
Unexpended	$385 12

Total for All the Schools:

Amount appropriated	$1,161,065 00
Amount expended	1,149,572 72
Unexpended	$11,492 28

TABLE SHOWING AMOUNTS APPROPRIATED, EXPENDED, BALANCES, Etc.

Items.	Appropriated.	Expended.		Totals.	Unexpended.	Overdrawn.
		White Schools.	Colored Schools			
Salaries, general account	$823,200 00	$717,226 15	$105,962 80	$823,188 95	$ 11 05	.....
Rents, general account	9,675 00	8,031 33	1,651 00	9,682 33	.....	$ 7 33
Books and stationery, general account	51,000 00	44,721 03	5,337 86	50,058 89	941 11	.....
Heating apparatus, general account	9,000 00	9,149 16	938 67	10,087 83	.....	1,087 83
Furniture, general account	25,000 00	13,442 27	2,152 64	15,594 91	9,405 09	.....
Fuel, general account	31,000 00	26,585 97	3,532 35	30,118 32	881 68	.....
Repairs and cleaning, general account	10,000 00	8,921 18	1,186 95	10,108 13	.....	108 13
Incidentals, general account	10,000 00	7,830 71	1,072 31	8,903 02	1,096 98	.....
Night Schools	7,000 00	5,097 39	2,142 73	7,240 12	.....	240 12
Polytechnic Institute	33,490 00	34,034 84	.....	34,034 84	.....	544 84
Colored Manual Training School	8,400 00	.....	7,640 50	7,640 50	759 50	.....
Annex, salaries	116,300 00	107,851 85	8,257 05	116,108 90	191 10	.....
Annex, sundries	27,000 00	24,905 19	1,900 79	26,805 98	194 02	.....
	$1,161,065 00	$1,007,797 07	$141,775 65	$1,149,572 72	$13,480 53	$1,988 25
The net unexpended balance is					11,492 28	

In addition to the above amounts *for current expenses*, the Mayor and City Council made a special appropriation of $1,500 for flags for the school buildings, of which $500.63 has been expended.

The term "General Account" in the above table means for schools in the first twenty wards not specially designated.

EXPENDED BY THE INSPECTOR OF BUILDINGS ON ACCOUNT OF NEW BUILDINGS AND IMPROVEMENTS AND REPAIRS OF OLD BUILDINGS.

In the First Twenty Wards:

For general repairs	$16,487 05
For alarm boxes	4,300 00
For partition in No. 5 Primary	125 00
For fire-escape in No. 20 Primary	488 38
For Primary No, 35, new, in full	28,296 90
For English-German No. 6, new, in full	33,344 26
For Western Female High School, new, on account	76,647 86
For Colored No. 10, new, on account	20,676 58
For Baltimore City College, new, on account	72,428 81
For Primary No. 4, new, on account	304 26
For Colored No. 9, new, on account	15 00
For Primary No. 34, new, on account	12,859 75
For Primary No. 37, new, on account	1,053 18
	$267,027 03
For general repairs in Annex (Twenty-first and Twenty-second Wards)	2,200 00
Total	$269,227 03

TOTAL EXPENDITURES FOR SCHOOL PURPOSES.

Expended by the Board	$1,149,572 72
Expended by Inspector of Buildings	269,227 03
Total	$1,418,799 75

RECEIPTS FOR THE CURRENT EXPENSES OF THE BOARD.

From the City Collector, taxes	$890,080 88
From the State Treasurer, taxes	215,424 92
From non-resident pupils	3,900 00
From John F. Plummer	114 50
From intestate estate of Ellen Cramblett	132 10
	$1,109,652 40
Expenses in excess of receipts	39,920 32
Total	$1,149,572 72

NON-RESIDENT PUPILS.

The number of non-resident pupils now in the schools is 189. The total number in the schools during some portion of the year, 267, being 33 more than in 1894.

The amount received from non-residents		$3,900 00
From Polytechnic Institute	$938 50	
From Baltimore City College	850 00	
From female high schools	120 00	
From male grammar schools	736 75	
From female grammar schools	538 50	
From male primary schools	120 25	
From female primary schools	80 00	
From English-German schools	56 00	
From colored schools	8 00	
From Annex schools	452 00	
		$3,900 00
Excess over receipts in 1894		342 55

The fees for non-residents are as follows:

In Baltimore City College	$50	per	annum,	payable	quarterly.
In Polytechnic Institute	50	"	"	"	"
In female high schools	32	"	"	"	"
In all grammar grades	16	"	"	"	"
In all primary grades	12	"	"	"	"

The fees are payable in advance. Quarters commence: First quarter, September 1; second quarter, November 21; third quarter, February 11; fourth quarter, April 26.

The average salary of teachers in 1895 was $576.

PER CAPITA TAX.

The cost per pupil, including all the day schools under the control of this Board, based

1st. On the enrollment and expenditure for books.

2d. On the enrollment and the total current expenses, including books, was as follows:

	For Books.	*For Current Expenses.*
In Baltimore City College	$2 98	$59 11
In female high schools	1 95	34 09
In male grammar schools	1 47	20 75
In female grammar schools	1 33	17 20
In English-German schools	90	14 87
In male primary schools	62	15 83

	For Books.	*For Current Expenses.*
In female primary schools	$ 60	15 41
In Polytechnic Institute	3 18	65 20
In Colored Manual Training School	2 37	96 71
In colored high and grammar schools	1 54	20 13
In colored primary schools	51	14 55
In Annex schools	1 11	18 92
Average for all	98	18 64

STATE TAX.

Amount of school tax paid by the city to the State	$289,527 08
Amount of school tax received by the city from the State	215,424 92
Excess to the State	$74,102 16

SCHOOL BUILDINGS.

Number of school buildings owned by the city	95
Number rented for school purposes	36
Total number used for school purposes	131

The following tables are—

1st. A summary of the itemized expenditures of the several grades of schools.

2d. A summary of the tables accompanying the Superintendent's report, showing the number of teachers, number of pupils on roll, average attendance, etc.

HENRY M. COWLES,

Secretary.

TABLE A.

Showing the Amounts Expended Each Month of the Year 1895.

Month.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	Night Schools.	Polytechnic Institute.	Colored Manual Training School.	Annex Schools.	Totals.
January..	$68,116 20	$1,107 00	.....	$ 68 90	.....	$ 26 65	$ 126 35	$ 41 50	$1,983 50	$1,862 60	$ 415 00	$10,278 25	$ 84,025 95
February.	68,214 25	534 00	$ 9,461 47	356 95	$ 204 00	151 14	93 09	514 82	2,082 80	2,377 43	442 52	12,252 88	96,685 35
March....	68,273 50	463 75	1,866 74	1,127 22	1,068 10	1,503 40	553 90	809 33	1,814 64	2,774 00	614 81	10,533 87	91,403 26
April.....	68,472 45	1,182 00	1,342 88	52 01	1,011 74	2,433 43	270 18	448 04	1,066 19	4,127 29	547 00	10,963 09	91,916 30
May.....	68,118 75	634 00	401 55	15 15	209 51	993 84	73 77	297 67	237 48	2,708 31	728 47	11,045 67	85,464 17
June.....	135,209 15	463 75	508 40	280 23	126 03	98 70	84 23	1,379 22	.....	3,564 60	1,106 85	19,972 41	162,793 57
July.....	.....	1,207 00	479 90	1,171 04	.....	41 78	31 45	243 57	.....	826 64	297 07	846 33	5,144 78
August...	67,181 45	710 67	.....	2,345 61	786 38	13,831 04	3,502 20	531 62	55 51	1,727 12	454 25	13,895 22	105,021 07
September	67,899 75	606 25	5,209 97	1,879 53	1,817 40	8,449 46	2,722 04	534 35	.....	1,749 28	444 10	13,806 48	105,118 61
October...	69,709 75	1,059 50	18,450 44	829 87	2,811 97	.....	785 16	427 76	.....	3,600 82	793 42	15,339 03	113,807 72
November.	70,871 90	1,026 50	9,132 00	996 15	1,138 60	38 80	755 08	1,884 61	.....	3,628 90	660 40	12,471 67	102,604 61
December.	71,121 80	687 91	3,205 54	965 17	6,421 18	2,550 08	1,110 68	1,790 53	.....	5,087 85	1,136 61	11,509 98	105,587 33
Totals..	$823,188 95	$9,682 33	$50,058 89	$10,087 83	$15,594 91	$30,118 32	$10,108 13	$8,903 02	$7,240 12	$34,034 84	$7,640 50	$142,914 88	$1,149,572 72
Amount paid on account of flags.....													500 63
													$1,150,073 35

TABLE B—Showing the Itemized Expenditures for Each School.

Schools.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	Totals.
General expense (city)	$31,733 60	$300 00	$ 7 11	.....	$ 77 67	.....	$1,278 58	$2,679 69	$36,076 65
Public School Library	900 00	300 00	528 50	$ 8 25	.....	$ 20 52	4 25	70 77	1,832 29
Baltimore City College	34,687 00	.....	1,978 29	.....	.....	674 19	335 65	1,517 28	39,192 41
Eastern Female High Sch'l	14,088 00	.....	872 68	583 28	88 40	396 52	76 05	208 62	16,313 55
Western " " "	15,230 50	.....	1,241 46	72 55	3,615 18	152 19	38 70	290 32	20,640 90
Balto. Polytechnic Inst.	21,190 50	.....	1,660 96	656 49	1,069 29	699 89	485 00	8,272 71	34,034 84
Col'd Man'l Training Sch'l	5,003 25	.....	187 64	.....	43 33	133 54	41 60	2,231 14	7,640 50
Male Grammar No. 1	$5,819 25	.....	$491 42	$103 10	$ 7 20	$259 17	$ 82 40	$ 12 00	$ 6,774 54
" " " 2	7,662 85	.....	731 34	37 50	34 00	289 70	56 55	3 20	8,815 14
" " " 3	4,146 00	.....	197 50	53 40	24 64	164 67	54 22	14 58	4,655 01
" " " 4	5,150 00	.....	420 53	43 67	.....	99 13	28 75	28 52	5,770 60
" " " 5	4,873 00	.....	392 34	51 61	49 40	175 00	57 15	45 03	5,643 53
" " " 6	7,408 00	$180 00	649 61	104 25	.....	288 66	52 95	16 83	8,700 30
" " " 7	6,004 50	.....	553 96	216 00	633 24	256 71	92 50	155 00	7,911 91
" " " 8	6,923 50	63 00	551 27	51 80	132 84	332 68	15 12	3 25	8,073 46
" Gram. & Prim. No. 9	3,798 25	540 00	149 85	40 20	.....	150 63	23 27	137 13	4,839 33
" Grammar No. 10	6,121 50	.....	529 86	35 00	40 00	124 13	52 70	18 40	6,921 59
" " " 11	5,396 00	.....	422 54	108 25	90 56	262 54	82 67	6 52	6,369 08
" " " 12	6,249 00	.....	549 98	69 64	4 20	231 78	52 71	5 00	7,162 31
" " " 13	3,882 00	.....	242 70	71 30	12 50	143 00	24 75	8 00	4,384 25
" " " 15	8,042 00	.....	700 52	124 11	7 71	448 93	37 85	.....	9,361 12
" " " 16	6,014 60	.....	360 23	110 70	68 87	222 70	50 91	.....	6,828 01
" " " 17	5,230 50	.....	470 16	48 50	.....	136 50	63 75	1 00	5,950 41
" " " 18	5,004 25	.....	494 39	4 90	.....	401 18	59 95	.....	5,964 67
" " " 19	7,086 00	.....	634 37	.....	.....	291 14	29 13	8 75	8,049 39
" " " 20	8,616 75	.....	823 36	40 00	11 00	359 73	232 45	.....	10,083 29
" " " 21	6,616 70	.....	572 37	35 50	23 40	188 69	34 52	.....	7,471 18
M. & F. Gram. No. 22	4,869 90	.....	350 00	97 41	.....	242 86	30 20	7 37	5,597 74
Totals, Male Grammar	$124,914 55	$783 00	$10,288 30	$1,446 84	$1,139 56	$5,069 53	$1,214 50	$470 58	$145,326 86

English-German	No.	1...	$ 9,460	50	.....	$ 549	97	$119	57	.....	$221	48	$ 46	00	$ 5	62	$10,403	14
"	"	2..	15,902	70	.....	1,070	21	465	15	$ 120	00	392	94	134	44	40	53	18,125	97
"	"	3...	20,317	60	.....	1,496	28	171	81	.....		565	94	106	60	19	12	22,677	35
"	"	4...	19,356	55	.....	1,358	90	117	55	16	88	508	74	221	43	16	46	21,596	51
"	"	5...	15,420	20	.....	1,098	79	29	80	143	58	700	58	470	95	29	65	17,893	55
a "	"	6...	2,237	00	.....	.....		15	75	2,937	88	427	20	49	54	202	28	5,869	65
b "	"	7...	2,113	25	$333	66	594	62	413	94	374	99	167	63	51	65	237	06	4,286	80
Totals, English-German.			$84,807	80	$333	66	$6,168	77	$1,333	57	$3,593	33	$2,984	51	$1,080	61	$550	72	$100,852	97
Female Grammar	No.	1..	$5,288	00	.....	$ 270	08	$ 54	00	.....	$214	62	$ 81	00	$22	55	$ 5,930	25
" "	"	2..	6,466	75	.....	603	70	49	50	$ 3	00	314	83	3	50	23	79	7,465	07
" "	"	3..	3,239	25	.....	236	07	20	00	5	00	150	74	38	60	12	91	3,702	57
" "	"	4..	3,855	00	.....	375	00	41	32	77	18	142	25	25	35	9	34	4,525	44
" "	"	5..	4,163	25	.....	290	14	46	90	75	00	134	51	5	80	27	79	4,743	39
" "	"	6..	6,609	75	$180	00	539	97	158	15	.....	331	81	18	50	11	71	7,849	89
" "	"	7..	5,788	00	.....	554	00	202	00	31	15	267	88	89	50	22	05	6,954	58
" "	"	8..	6,342	25	.....	627	99	82	85	27	64	341	32	27	72	22	06	7,471	83
" Gram. & Prim.	"	9..	3,177	00	600	00	163	86	14	45	.....	110	13	30	00	15	30	4,110	74
" Grammar	"	10..	5,609	25	.....	517	12	35	00	24	92	129	61	57	15	30	70	6,403	75
" "	"	11..	5,722	50	.....	535	58	144	25	.....		278	14	71	33	14	61	6,766	41
" "	"	12..	4,894	25	.....	488	64	70	50	31	36	245	39	35	63	19	14	5,784	91
" "	"	13..	4,106	50	.....	385	55	44	75	3	00	131	62	51	89	16	54	4,739	85
" "	"	15..	8,348	25	.....	857	68	310	00	34	20	444	50	93	05	31	05	10,118	73
" "	"	16..	5,422	00	.....	374	93	56	85	.....		275	53	148	00	7	13	6,284	44
" "	"	17..	4,295	50	.....	410	35	62	40	39	58	178	51	45	70	7	15	5,039	19
" "	"	18..	5,022	00	.....	485	51	.....		17	80	421	83	16	67	24	36	5,988	17
" "	"	19..	6,458	00	.....	650	98	18	00	22	50	266	00	1	00	32	11	7,448	59
" "	"	20..	8,866	50	.....	1,036	11	34	00	5	00	388	91	224	80	23	14	10,578	46
" "	"	21..	5,925	75	.....	591	72	24	75	12	32	199	86	37	50	26	02	6,817	92
Totals, Fem. Grammar.			$109,599	75	$780	00	$9,994	98	$1,469	67	$409	65	$4,967	99	$1,102	69	$399	45	$128,724	18

a Formerly Annex No. 12. *b* Organized March 13, 1895.

TABLE B—Continued.

Schools.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	Totals.
Male Primary No. 1.....	$4,859 25	.....	$189 74	$ 69 00	$ 10 00	$224 00	$ 54 16	.....	$ 5,406 15
" " " 2.....	3,177 25	.....	147 98	32 00	.....	72 93	20 50	.....	3,450 66
" " " 3.....	5,680 55	$600 00	256 51	45 66	212 84	167 07	49 46	$ 7 00	7,019 09
" " " 4.....	3,673 50	110 00	148 51	157 95	2 45	86 28	54 05	94 22	4,326 96
" " " 5.....	6,188 00	.....	282 76	81 50	.....	249 15	59 59	17 40	6,878 40
" " " 6.....	5,115 90	150 00	253 34	55 74	9 81	70 74	52 50	53 75	5,761 78
" " " 7.....	3,262 60	.....	135 00	49 00	.....	94 30	16 99	3 00	3,560 89
" " " 8.....	2,906 00	.....	124 04	77 90	11 32	113 00	.....	.....	3,232 26
" " " 10.....	3,235 50	.....	132 04	35 00	.....	67 90	10 00	8 00	3,488 44
" " " 11.....	7,253 50	.....	364 64	77 66	.....	271 72	16 50	.....	7,984 02
" " " 12.....	4,612 95	300 00	244 86	120 26	19 50	234 26	26 00	19 00	5,576 83
" " " 13.....	2,870 00	.....	125 15	.....	.....	296 92	132 75	5 76	3,430 58
" " " 14.....	4,311 50	.....	225 98	74 65	.....	277 35	4 50	.....	4,893 98
" " " 15.....	5,125 50	.....	226 93	44 31	.....	167 68	30 20	.....	5,594 62
" " " 16.....	3,860 50	.....	182 33	110 60	24 06	163 24	48 13	37 42	4,426 28
" " " 17.....	4,180 00	.....	175 66	47 10	.....	101 78	39 44	13 83	4,557 81
" " " 18.....	3,166 20	.....	127 90	26 47	4 20	150 58	23 65	.....	3,499 00
" " " 19.....	2,259 50	360 00	105 01	.....	.....	101 40	2 50	.....	2,828 41
" " " 20.....	9,562 60	.....	525 42	94 40	184 36	290 80	81 83	6 75	10,746 16
" " " 21.....	4,231 25	480 00	223 28	41 05	78 13	154 09	39 05	30 27	5,277 12
" " " 22.....	4,688 20	264 00	199 85	52 70	.....	123 36	24 00	2 00	5,354 11
" " " 23.....	4,777 25	.....	222 78	70 25	63 17	140 40	19 80	.....	5,293 65
" " " 24.....	4,261 00	75 00	136 44	20 75	51 72	177 60	82 30	24 25	4,829 06
" " " 25.....	3,908 10	.....	140 95	.....	.....	269 30	25 00	.....	4,343 35
" " " 26.....	3,623 50	.....	149 32	37 25	.....	103 24	77 82	10 63	4,001 76
" " " 27.....	5,006 70	.....	174 49	46 95	108 96	134 10	38 94	20 12	5,530 26

Male	Primary	No. 28	$4,061	25			$178	47	$ 36	15			$ 95	03	$ 76	32	$ 10	40	$4,457	62
"	"	" 29	2,868	50			105	85	67	00			145	83	57	40	16	60	3,261	18
"	"	" 30	7,197	50			348	80	26	95	$ 33	04	301	11	75	45			7,982	85
"	"	" 31	3,357	00			102	21	24	20			199	95	10	00			3,693	36
"	"	" 32	4,329	50			182	91	126	15			252	37	48	50	27	50	4,966	93
"	"	" 33	5,574	00			241	79	16	00	15	63	192	03	286	34	35	15	6,360	94
c "	"	" 34	1,607	95	$262	50	196	04	189	85	43	81	47	18	67	96	3	62	2,418	91
d "	"	" 35	1,512	95	162	50	59	97	31	38	1,132	69	270	22	59	00	145	02	3,373	73
"	"	" 36	1,915	00	534	17	80	00	119	00	35	00			105	38	208	00	2,996	55
"	"	" 37	2,561	90	264	00	107	39	27	50	74	28	121	32	70	54	37	26	3,264	19
"	"	" 38	3,307	20	450	00	201	14	130	00	324	29	102	12	36	00	115	83	4,666	58
Totals, Male	Primary		$154,089	55	$4,012	17	$7,025	48	$2,262	33	$2,439	26	$6,030	35	$1,922	55	$952	78	$178,734	47
Female	Primary	No. 1	$4,545	25			$195	84	$ 24	50	$ 4	20	$200	25	$ 80	45	$ 4	63	$5,055	12
"	"	" 2	3,920	50			163	26	59	15	22	42	73	41	52	52	2	76	4,294	02
"	"	" 3	4,567	95			247	72	25	00	93	92	138	82	53	12	14	64	5,141	17
"	"	" 4	3,357	25	$120	00	112	77	151	50	87		142	00	65	38	75	72	4,025	49
"	"	" 5	6,188	25			222	47	57	90	25	08	261	35	35	63	3	12	6,793	80
"	"	" 6	5,223	50	150	00	256	58	43	45	22	00	92	12	61	80	12	05	5,861	50
"	"	" 7	3,232	75			130	12	30	00	32	98	129	29	25	10	6	07	3,586	31
"	"	" 8	2,777	00			76	85	40	00	8	63	117	66	2	00	2	94	3,025	08
"	"	" 10	3,225	00			134	16	36	00	12	28	100	32	13	50	1	47	3,522	73
"	"	" 11	6,780	50			361	92	77	66	20	37	279	26	3	10	2	15	7,524	96
"	"	" 12	4,600	00			219	52	53	25	50	64	232	91	22	50	17	46	5,196	28
"	"	" 13	2,861	25			99	70	58	50			307	07	117	50	9	64	3,453	66
"	"	" 14	3,834	00			200	85	55	00			250	20	5	00	3	23	4,348	28
"	"	" 15	4,922	95			201	67	46	86			177	26	33	85	2	51	5,385	10
"	"	" 16	3,371	25			133	69	96	69	10	56	179	60	18	50	8	42	3,818	71
"	"	" 17	4,133	20			170	26	44	15			107	66	68	50	6	47	4,530	24
"	"	" 18	3,246	75			115	97	21	25			154	76	15	50	3	56	3,557	79
"	"	" 19	1,776	00			78	38					106	53			2	58	1,963	49
"	"	" 20	8,414	40			404	02	75	00	15	35	328	45	62	30	15	82	9,315	34

c Divided. *d* Divided.

TABLE B—Continued.

Schools.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	Totals.
Female Primary No. 21..	$4,133 20	.....	$168 38	$ 28 00	.....	$144 03	$ 23 58	$ 4 34	$4,501 53
" " " 22..	4,607 20	.....	200 85	47 00	.....	123 76	24 75	10 30	5,013 86
" " " 23..	4,719 50	.....	229 90	56 00	$10 00	155 92	3 50	2 60	5,177 42
" " " 24..	4,568 75	.....	212 06	16 00	.....	196 90	77 50	22 10	5,093 31
" " " 25..	3,725 65	.....	175 01	12 00	.....	255 34	12 75	3 93	4,184 68
" " " 26..	3,225 00	.....	123 73	71 95	12 50	118 85	71 90	47 34	3,671 27
" " " 27..	5,051 65	.....	250 41	39 25	100 71	149 52	18 50	12 56	5,622 60
" " " 28..	4,098 50	.....	178 50	60 00	.....	100 17	26 50	4 69	4,468 36
" " " 29..	2,515 25	.....	103 05	63 55	.....	165 30	35 00	1 31	2,883 46
" " " 30..	6,296 25	.....	332 83	26 00	65 80	289 75	74 42	13 47	7,098 52
" " " 31..	3,323 45	.....	123 23	.....	.....	222 15	.....	2 83	3,671 66
" " " 32..	3,794 75	.....	165 02	91 60	.....	279 14	.....	2 64	4,333 15
" " " 33..	5,157 00	.....	224 97	21 50	24 54	215 44	238 00	20 21	5,901 66
c " " " 34..	1,624 95	$187 50	84 05	189 85	37 30	39 55	52 41	7 23	2,222 84
d " " " 35..	1,501 45	162 50	77 57	13 37	1,095 22	245 05	44 01	155 65	3,294 82
" " " 36..	1,903 00	352 50	79 95	119 19	97 04	.....	296 08	36 60	2,884 36
" " " 37..	2,663 45	550 00	99 40	27 50	.....	132 32	78 20	39 59	3,590 46
" " " 38..	3,288 65	.....	260 80	94 05	316 81	78 06	54 25	107 87	4,200 49
Totals, Female Primary	$147,175 40	$1,522 50	$6,615 46	$1,972 67	$2,079 22	$6,290 17	$1,867 60	$690 50	$168,213 52
High & Gram. Col'd No. 1.	$11,438 25	.....	$1,214 05	$ 93 20	$ 44 63	$380 06	$54 75	$246 24	$13,471 18
Grammar Colored No. 2..	4,570 55	.....	329 46	56 16	110 25	171 98	57 70	11 21	5,307 31
" " " 3..	4,979 00	.....	328 94	39 42	.....	115 80	30 50	6 65	5,500 31
Male Colored No. 1.....	3,273 00	$775 00	128 39	21 00	.....	92 08	15 80	78 01	4,383 28
" " " 2.....	3,747 60	.....	172 48	39 05	.....	91 00	60 32	12 04	4,122 49
" " " 3.....	5,681 60	.....	242 90	20 90	88	216 19	229 40	.....	6,391 87

c Divided. *d* Divided.

Male Colored No. 4	$5,420 90	.....	$143 91	$ 33 15	.....	$ 78 75	$ 12 50	$ 3 52	$5,692 73
" " " 5	2,489 50	.....	94 85	21 00	.....	86 70	24 95	.....	2,717 00
" " " 6	3,640 00	.....	161 41	35 00	.....	119 68	16 85	.....	3,972 94
" " " 7	6,106 20	.....	245 80	99 40	.....	249 17	86 00	.....	6,786 57
" " " 8	4,255 20	$276 00	175 00	111 00	$249 52	119 78	57 60	70 52	5,314 62
" " " 9	6,666 20	$600 00	284 56	26 75	.....	184 24	238 18	375 00	8,374 93
Female Colored No. 1	4,859 65	.....	244 37	9 00	28 09	126 00	22 25	6 78	5,296 14
" " " 2	3,685 00	.....	155 56	40 65	5 00	107 01	58 47	4 73	4,056 42
" " " 3	5,606 30	.....	269 69	18 80	.....	211 20	15 00	14 77	6,135 76
" " " 4	5,036 95	.....	114 87	36 23	.....	58 88	12 50	3 81	5,263 24
" " " 5	2,595 35	.....	115 00	20 50	10 08	70 70	16 70	3 05	2,831 38
" " " 6	3,029 45	.....	116 49	34 50	12 32	134 82	19 10	3 02	3,349 70
" " " 7	8,004 70	.....	302 63	99 40	52 58	259 26	85 48	5 60	8,809 65
" " " 8	4,923 70	.....	201 53	32 00	3 00	72 80	33 20	16 50	5,282 73
" " " 9	5,953 70	.....	295 97	51 56	293 97	200 00	17 20	210 86	7,023 26
a M. & F. Colored No. 10	.....	.....	.....	.....	1,342 32	386 25	22 50	.....	1,751 07
Totals, Colored	$105,962 80	$1,651 00	$5,337 86	$938 67	$2,152 64	$3,532 35	$1,186 95	$1,072 31	$121,834 58
Annex, general expense	.....	.....	.....	.....	.....	.....	.....	$3,105 74	$3,105 74
Annex No. 1	$ 3,837 20	$168 00	$310 79	$ 76 95	$ 90 12	$258 50	$29 50	119 54	4,890 60
" " 2	11,445 10	.....	781 12	29 75	147 25	326 00	76 94	56 81	12,862 97
" " 3 Male	3,981 25	.....	305 28	28 13	27 72	139 50	27 05	8 72	4,517 65
" " 3 Female	3,717 80	537 50	279 72	14 10	259 01	119 50	46 23	400 84	5,374 70
" " 4	5,079 20	.....	204 41	10 25	.....	219 50	10 00	3 84	5,527 20
" " 5	3,703 50	600 00	173 30	27 50	.....	199 50	63 84	96	4,768 60
" " 6	6,055 50	.....	488 96	.....	.....	225 00	10 00	20 79	6,800 25
" " 7	6,167 20	.....	349 45	2 00	211 34	219 50	21 75	9 83	6,981 07
" " 8	9,438 00	.....	613 66	80 05	78 32	573 62	82 25	121 05	10,986 95
" " 9	5,142 00	.....	250 09	.....	.....	583 55	10 00	5 81	5,991 45
" " 10	3,321 10	.....	223 50	83 97	.....	178 45	10 00	25 00	3,842 02
" " 11	7,126 80	.....	450 08	.....	.....	570 15	197 50	5 35	8,349 88
e " " 12	9,572 95	1,000 00	781 43	91 95	.....	291 00	197 00	46 95	11,981 28
" " 13	10,359 10	.....	603 37	174 09	.....	527 00	62 25	2 77	11,728 58
" " 14	2,408 10	360 00	165 93	57 70	81 36	134 00	23 58	27 65	3,258 32

a Formerly Annex Colored No. 4. *e* Now English-German No. 6.

TABLE B—Continued.

Schools.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	Totals.
Annex No. 15	$3,653 95		$319 86			$616 00		$ 98 83	$4,688 64
" " 16 Male	3,837 95		168 26	$36 45	$107 58	160 00	$22 91	4 58	4,337 73
" " 16 Female	3,713 20		140 97	35 00	7 50	160 00	32 04	2 09	4,090 80
" " 17	3,027 20		120 73	38 75		395 25	394 00	25 00	4,000 93
f " " 18	1,350 50	$112 50	1,099 93	23 15	611 42	89 40	24 49	222 01	3,533 40
g " " 19	471 25		177 31						648 56
" " 1 Colored	2,185 90	150 00	99 50	79 90	76 78	135 55	55 66	64 47	2,847 76
" " 2 "	1,062 00	300 00	49 02	10 75		128 30		1 43	1,551 50
" " 3 "	1,761 00		74 76	24 51		43 50			1,903 77
" " 4 "	3,248 15	360 00	162 22			78 62		5 82	3,854 81
" " 7 Night	443 00		15 12					31 60	489 72
Totals, Annex	$116,108 90	$3,588 00	$8,408 77	$924 95	$1,698 40	$6,371 39	$1,396 99	$4,417 48	$142,914 88
Male Polish Night	$522 00								$522 00
Female Polish Night	407 50								407 50
a Bohemian Night	603 50		$ 4 80					$16 00	624 30
Night No. 1	307 50		3 69					27 50	338 69
" " 2	826 00		13 68					89 50	929 18
" " 5	210 00							29 11	239 11
" " 8	233 50							34 25	267 75
" " 11	174 50							19 88	194 38
" " 12	661 00		76 92					73 06	810 98
" " 17	691 50							72 00	763 50
Colored Night No. 1	833 50		31 31					75 44	940 25
" " " 3	799 50		51 02					33 50	884 02
" " " 4	299 00							19 46	318 46
Totals, Night	$6,569 00		$181 42					$489 70	$7,240 12

f Organized in September. *g* Organized in October. *a* Closed March 29; the others closed April 26.

TABLE B—Concluded.

SUMMARY OF THE ITEMIZED EXPENDITURES OF THE SEVERAL GRADES OF SCHOOLS.

SCHOOLS.	Salaries.	Rents.	Books and Stationery.	Heating Apparatus and Repairs.	Furniture.	Fuel.	Repairs and Cleaning.	Incidentals, Printing, Etc.	TOTALS.
General expense (city)	$ 31,733 60	$ 300 00	$ 7 11	.....	$ 77 67	.....	$1,278 58	$2,679 69	$ 36,076 65
Public School Library	900 00	300 00	528 50	$ 8 25	.....	$ 20 52	4 25	70 77	1,832 29
Baltimore City College	34,687 00	.....	1,978 29	.....	.....	674 19	335 65	1,517 28	39,192 41
Female high schools	29,318 50	.....	2,114 14	655 83	3,703 58	548 71	114 75	498 94	36,954 45
Male grammar schools	124,914 55	783 00	10,288 30	1,446 84	1,139 56	5,069 53	1,214 50	470 58	145,326 86
English-German schools	84,807 80	333 66	6,168 77	1,333 57	3,593 33	2,984 51	1,080 61	550 72	100,852 97
Female grammar schools	109,599 75	780 00	9,994 98	1,469 67	409 65	4,967 99	1,102 69	399 45	128,724 18
Male primary schools	154,089 55	4,012 17	7,025 48	2,262 33	2,439 26	6,030 35	1,922 55	952 78	178,734 47
Female primary schools	147,175 40	1,522 50	6,615 46	1,972 67	2,079 22	6,290 17	1,867 60	690 50	168,213 52
White schools	$717,226 15	$8,031 33	$44,721 03	$9,149 16	$13,442 27	$26,585 97	$8,921 18	$7,830 71	$835,907 80
Colored schools	105,962 80	1,651 00	5,337 86	938 67	2,152 64	3,532 35	1,186 95	1,072 31	121,834 58
White and Colored	$823,188 95	$9,682 33	$50,058 89	$10,087 83	$15,594 91	$30,118 32	$10,108 13	$ 8,903 02	$957,742 38
Manual training schools	26,193 75	.....	1,848 60	656 49	1,112 62	833 43	526 60	10,503 85	41,675 34
Annex schools	116,108 90	3,588 00	8,408 77	924 95	1,698 40	6,371 39	1,396 99	4,417 48	142,914 88
Night schools	6,569 00	.....	181 42	.....	.....	.....	.....	489 70	7,240 12
Total	$972,060 60	$13,270 33	$60,497 68	$11,669 27	$18,405 93	$37,323 14	$12,031 72	$24,314 05	$1,149,572 72
Amount paid on account of flags									500 63
									$1,150,073 35

TABLE C.

SHOWING THE LOCATION OF SCHOOLS, SIZE OF LOTS, AMOUNT OF GROUND RENTS, AMOUNT PAID ON ACCOUNT OF LOTS, SIZE OF BUILDINGS, ESTIMATED VALUE OF BUILDINGS AND DATE OF ERECTION.

SCHOOLS.	LOCATION.	Size of Lot.	Amount of Ground Rent.	Amount Paid on Account of Lot.	Size of Building.	Estimated Value of Building.	Date of Erection.
Baltimore City College ..	Howard, opposite Centre.....	208^{6} x 260	$4,600 00	$50,000 00	155^{10}x221^{8}	$203,639	1896
E. F. High School	Aisquith and Orleans.....	102 x 210	540 91	2,651 50	102 x 56	80,000	1868
	Side lot and rear building.....	39 x 180	75 00	15,000 00	51 x 58	.....	....
W. F. High School.....	McCulloh and Lafayette avenue	238^{7} x 230	.....	70,666 66	86^{5} x 191^{11}	125,970	1895
Polytechnic Institute..	Courtland, near Saratoga (old building).....	82 x 90	.....	6,437 75	44 x 90	18,000	1868
	Courtland, near Saratoga (new building).....	62^{6} x 90	220 00	10,000 00	54 x 90	25,000	1890
	Courtland, near Saratoga (additional lot).....	37^{6} x 90	.....	10,000 00	.....	.....	....
Male G. and P. No. 1....	N. E. corner Fayette and Greene.	97 x 102	354 00	9,000 00	83 x 96^{7}	25,000	1880
Female G. and P. No. 1..	S. W. " " " "	77^{6} x 170	1,094 75	.....	62 x 140	27,000	1875
Grammar No. 2.....	Broadway and Bank	100 x 141	244 44	.....	101 x 39	30,000	1888
	Broadway and Bank (rear bldg.).	.....	.....	.....	52 x 87	.....	....
G. and P. No. 3.....	High, near Fayette	80 x 167*	900 00	.....	50 x 145	28,800	1875
Grammar No. 4.....	Sharp, near Montgomery.....	100 x 155	600 00	.....	56 x 85	18,000	1869
" " 5.....	Greenmount avenue and Eager.	66 x 150*	600 00	.....	55 x 100	17,000	1872
" " 6.....	Division, near Lanvale	104^{2} x 171^{3}	800 00	.....	55 x 120	21,000	1877
" " 7.....	Eastern avenue and Burke.....	100 x 150	350 00	.....	52 x 136	24,000	1880
" " 8, old	Hollins, near Monroe.....	140 x 129	700 00	.....	54 x 112	18,000	1877
" " 8, new....	Hollins and Monroe.....	Old lot.	.....	.....	55 x 104	21,000	1890

Grammar No. 10	William and Warren avenue	70	x 140	$ 175 00	.....	44	x 103	$13,000	1850
" " 11	Bond and Jefferson	70	x 152[3]	19 00	$ 8,700 00	56	x 116	20,000	1884
" " 12	Ridgely, near Fremont	124	x 155	620 67	.....	73	x 125	25,000	1877
" " 13	Aisquith, near Lexington	80	x 180	25 00	17,100 00	44	x 100	17,000	1870
Male Grammar No. 15	Carrollton ave., near Lexington	100	x 160[4]	400 00	.....	55	x 107	20,000	1860
Female Grammar No. 15	Carrollton ave. and Lexington	49[6]	x 103	.....	10,000 00	49	x 135	20,000	1886
Grammar No. 16	Hull and Clement (Locust Point)	100	x 155[3]	350 00	.....	56	x 113	18,000	1882
" " 17	Washington, near Fayette	93	x 190	581 25	.....	52	x 119	20,000	1871
" " 18	Harlem avenue and Monroe	85	x 249[6]	480 00	.....	56[4]	x 143[6]	30,500	1893
Gram. and Prim. No. 19	Park avenue and Hoffman	120	x 150	1,020 00	.....	100	x 147	35,000	1892
Grammar No. 20	Eden and Federal	180[6]	x 100	.....	8,000 00	60	x 124	33,000	1890
" " 21	Presstman and Gilmor	102[5]	x 155	620 00	.....	55	x 121	32,000	1876
" " 22	Mulberry, near Fremont	87[8]	x 134	350 67	.....	54	x 85	15,000	1868
Eng.-Ger. " 1, old	Druid Hill avenue, near Biddle	75	x 100	150 00	.....	44	x 100	12,000	1841
† " " 1, new	Pennsylvania ave. and Dolphin	189	x80 (110)	1,147 50	.....	56[4]	x 138	26,000	1893
" " 2	Charles and Ostend	74[6]	x 219[2]	372 50	.....	56	x 150	28,000	1882
" " 3	Baltimore, near Aisquith	120	x 170	1,300 00	5,000 00	54	x 118	28,000	1879
" " 4	Chase and McDonogh	80	x 223	501 75	.....	56	x 183[2]	30,500	1882
" " 5	Lexington, near Fremont	81	x 220[6]	.....	15,000 00	60	x 124	25,000	1890
" " 6	Ramsay and Smallwood	178[7]	x 165[6]	.....	4,000 00	53	x 135	36,885	1895
Primary " 2	Gough and Stiles	75	x 92	250 00	3,500 00	32	x 55	9,000	1854
" " 4	Hanover and Lee	80	x 76[6]	210 00	.....	52	x 76	6,000	1834
" " 5	Broadway and Ashland avenue	120	x 120	600 00	.....	60	x 113	24,000	1876
" " 6	Ann, near Canton avenue	63	x 140	112 50	6,800 00	46	x 100	14,800	1878
" " 7	Mullikin, near Aisquith	74	x 100	**	.....	45	x 65	5,000	1864
" " 8	Caroline, near Lombard	105[5]	x 150	221 34	6,200 00	94[7]	x 59[7]	18,000	1888
" " 10	Hollins, near Schroeder	60[8]	x 134	200 00	.....	46	x 70	6,000	1855
" " 11	Gilmor and Mosher	126[3]	x 156[10]	757 00	.....	57[9]	x 104	30,000	1886
	" " " (rear building)	.....	.....	.....	.....	30[7]	x 105[6]	.....	1889
" " 12	Barre and Warner	67	x 120	268 00	.....	55	x 84	16,000	1870
" " 13	Patterson P'k ave. & McElderry	155	x 115	530 00	.....	55	x 105	21,000	1890
" " 14	Linden avenue and Wilson	105	x 150	840 00	.....	55	x 117	20,000	1882
" " 15	Saratoga and Carrollton avenue	100	x 150	700 00	.....	50	x 120	19,000	1872
" " 16	Harford and Ashland avenues	105	x 158*	790 00	.....	56	x 113	19,000	1876

TABLE C—Concluded.

Schools.	Location.	Size of Lot.	Amount of Ground Rent.	Amount Paid on Account of Lot.	Size of Building.	Estimated Value of Building.	Date of Erection.
Primary No. 17	Light and Poultney	62[1] x 122	$217 00	$ 800 00	50 x 72	$10,000	1875
" " 18	Argyle avenue, near Lanvale	80 x 140	315 00	.....	45 x 68	13,000	1858
" " 20	Eden and Preston	100 x 207	592 00	6,000 00	51 x 167	35,000	1868
" " 21	Pennsylvania ave. and Robert	80 x 155	320 00	.....	50 x 80	16,000	1869
" " 22	Ramsay, near Scott	71 x 128 [6]	177 50	.....	45 x 95	10,000	1855
" " 23	Gough and Wolfe	75 x 110	150 00	2,400 00	57[9] x 104	19,000	1886
" " 24, new	Fait avenue and Patuxent	150 x 100	.....	7,500 00	77 x 86	21,000	1890
" " 25	Caroline, near Canton avenue	129[6] x 110	.....	14,962 50	93 x 90	25,000	1892
" " 26	Orleans, near Bond	84 x 75	126 00	4,500 00	50 x 65	15,000	1874
" " 27	Fayette and Chester	92 x 120	274 50	.....	48 x 72	18,000	1869
" " 28	Battery avenue and Clement	75 x 82	270 00	1,000 00	46 x 82	15,000	1869
" " 29	Sharp, near West	114 x 155	570 00	.....	55[9] x 104	21,600	1886
" " 30	Hollins, near Monroe	150 x 129[6]	750 00	.....	55 x 82	16,000	1874
" " 31	Schroeder and Pierce	60 x 122	228 00	2,500 00	57[4] x 102	21,000	1890
" " 32	Guilford avenue and Lanvale	80 x 154	.....	11,800 00	67 x 98	21,000	1890
" " 33	Light and Clement	100 x 100	.....	10,000 00	67 x 98	21,000	1890
" " 34	Carey and Columbia avenue	100 x 160	385 00	.....	.....	.....	.....
" " 35	Hanover and Winder	132 x 198	.....	6,700 00	48[6] x 114[2]	28,297	1895
" " 37	Biddle and Patterson Park ave.	165 x 150	.....	8,500 00	.....	.....	.....
F. Primary No. 38, old	Chesapeake & Hudson (Canton)	80 x 100	.....	.....	32 x 50	5,000	1853
Col. Manual Training	Fremont, near Lombard	74 x 150	.....	1,200 00	44 x 65	8,000	1843
H. & G. & F. C. No. 1	Saratoga, near Charles	66 x 193	600 00	16,000 00	52[2] x 126[3]	25,000	1888
Colored Grammar No. 2	Jefferson, near Caroline	83[6] x 80	200 00	1,350 00	32 x 80	5,000	1855
" " " 3	Howard and Montgomery	50 x 104	160 00	8,000 00	40 x 64	6,000	1872
Colored Primary No. 2	Rogers avenue, near Lexington	75 x 105	25 00	5,125 00	49 x 80	13,000	1874

Colored Primary No. 3	Hill, near Sharp	86 x 90 (155)	192 00	9,600 00	76^{9} x 133^{11}	27,000	1893
" " " 4	Biddle, near Pennsylvania ave.	70 x 150	70 00	5,000 00	40 x 92	10,000	1870
" " " 5	Caroline, near Bank	76 x 90	135 00	4,800 00	45 x 65	8,000	1867
" " " 6	Barre, near Eutaw	65 x 112	300 00	.....	40 x 80	10,000	1854
" " " 7	Waesche, near Fremont avenue.	143^{9} x 120*	480 00	.....	59 x 120	22,000	1877
" " " 8	Bond and Ashland avenue	80 x 80	130 00	.....	40 x 54	7,000	1764
" " " 9	Carrollton and Riggs avenues	97^{1} x 157	.....	7,000 00	52^{4} x 97^{5}	19,000	1888
New lot for No. 9	Carey and Chappell	135^{9} x 142	600 00	.....	.....	.....	.....
Colored Primary No. 10	Girard ave. and Sherman Place.	120 x 124	.....	7,200 00	68^{5} x 77^{4}	23,968	1895
Primary No. —	Summit and Monroe	72^{4} x 245	.....	9,500 00	.....	.....	.....
Annex No. 1	Homestead, Gorsuch avenue	42 x 90	.....	1,000 00	35 x 50	4,500	....
" " 2	Waverly, York road	100 x 200	.....	4,000 00	35^{6} x 90	14,500	....
	Rear building	.....	.....	.....	50 x 33		
" " 3, Male	Oak and Fifth (Twenty-fourth).	60 x 122	.....	4,000 00	50 x 60	10,000	....
" " 4	Chestnut and Fourth avenues.	176^{8} x 230	.....	5,000 00	55 x 105	21,000	1890
" " 5	Hampden, Merryman's lane	87 x 240*	.....	1,000 00	71 x 24	1,000	....
" " 6	Same as No. 4	.....	.....	.....	.....	.....	.....
" " 7	Woodberry, on Woodberry ave.	45 x 130	22 50	.....	37 x 96	10,000	....
" " 8, old	Clifton, on Clifton avenue	40 x 150	.....	2,000 00	40 x 90	4,000	....
" " 8, new	Francis, near Fulton avenue	150 x 150	480 00	.....	64^{4} x 105	25,000	1893
" " 9	Calverton, Bloomingdale road	75 x 169	.....	1,500 00	60 x 100^{7}	15,500	1893
" " 10	Carroll, Old Frederick road	60 x 225*	01	2,000 00	52 x 27	4,500	....
" " 11	Millington avenue and Lehman.	80 x 200*	240 00	.....	64 x 119	21,000	1892
" " 13	North avenue and Washington.	80 x 150	.....	5,000 00	66 x 120	25,000	1891
" " 15	N. E. cor. Ninth and Northwest.	128 x 194	.....	4,718 66	66^{5} x 106	25,000	1894
" " 16	Huntingdon ave., near Charles.	100 x 150	.....	7,000 00	.....	18,000	1890
" " 17	Old Frederick rd. & Fairview av.	150 x 257*	360 00	.....	67 x 92	15,000	1892
" " 18, new lot	Linden avenue and Konig	165 x 150	1,155 00	.....	.....	.....	.....
Annex Colored No. 1	Waverly, Merryman's lane	127^{5} x 32^{6}*	50 00	.....	24^{6} x 48	700	....
" " " 3	Frederick road, near toll-gate.	41 x 283*	50 00	1,000 00	24 x 108	1,000	....

* Irregular in form. † Occupied by Baltimore City College. ** House built on the rear of lot leased for E. F. H. School.

Total amount paid on account of lots	$ 447,712 07
Total value of buildings, actual or estimated	2,113,659 00
Amount of ground rents in the above list	34,486 79

TABLE D.

SHOWING LOCATIONS OF RENTED BUILDINGS, BY WHAT SCHOOLS OCCUPIED, AND AMOUNTS OF RENTS PAYABLE.

General storage, Hasselberger court	$ 300 00
Public School Library, 310 St. Paul street	300 00
Grammar No. 6, 1310 Division street	360 00
Male Grammar No. 9, 808 North Calvert street	540 00
Male Grammar No. 8, Frederick avenue and Monroe street	252 00
Female Grammar No. 9, 411 Courtland street	600 00
English-German No. 6, Lombard street, near Wilkens avenue	600 00
English-German No. 7, 1732 East Fayette street	400 00
English-German No. 7, 117 Jackson Place	550 00
Primary No. 3, 118 North High street	600 00
Male Primary No. 4, 421 South Sharp street	330 00
Female Primary No. 4, 600 South Sharp street	480 00
Primary No. 6, Canton avenue, near Broadway	300 00
Primary No. 12, 611 Barre street	300 00
Primary No. 19, southeast corner Park avenue and Hoffman street	360 00
Primary No. 21, northeast corner Patterson avenue and Stricker street	480 00
Primary No. 22, 786 Columbia avenue	264 00
Male Primary No. 34, Carey street, near James	300 00
Female Primary No. 34, 1261 and 1263 James street	300 00
Male and Female Primary No. 36, 2223 East Baltimore street	900 00
Male Primary No. 37, southwest corner Biddle street and Patterson Park avenue	264 00
Female Primary No. 37, northwest corner Hoffman street and Collington avenue	600 00
Primary No. 38, Chesapeake and O'Donnell streets	1,200 00
Male Colored No. 1, 413 Courtland street	775 00
Male Colored No. 8, McDonogh and Barnes streets	276 00
Male Colored No. 8, 824 North Bond street	300 00
Male Colored No. 9, 2211 Pennsylvania avenue	600 00
Female Colored No. 9, Gold and Calhoun streets	360 00
Annex No. 1, Homestead	144 00
Female Annex No. 3, 118 West Twentieth street	550 00
Annex No. 5, Hickory avenue, near Fourth avenue	600 00
Annex No. 14, Park Heights avenue	360 00
Annex No. 18, 1823 Park avenue	450 00
Annex Colored No. 1, Merryman's lane	120 00
Annex Colored No. 2, Calverton road and Edmondson avenue	300 00
Total amount of rents	$15,415 00

SCHEDULE

— OF —

Salaries of Officers and Teachers of Public Schools.

GENERAL EXPENSE ROLL.

Superintendent of Public Instruction	$2,500
Assistant Superintendent	2,000
Secretary	2,000
Assistant Secretary	1,500
Superintendent of Supplies	1,800
Librarian	1,200
Clerk to Secretary	1,000
Superintendents of Music, each	1,500
Librarian of Public School Library	900
Supervisor of Drawing	720
Teachers of Drawing, each	500
Directress of Sewing	600
Teachers of Sewing, each	500

BALTIMORE CITY COLLEGE.

Principal	$2,400
Professors (not otherwise specified)	2,000
Professor of Writing and Bookkeeping, and Secretary to Faculty	2,000
Professor of Drawing	1,800
Adjunct Professors	1,800
Tutors	1,000

FEMALE HIGH SCHOOLS.

Principals	$2,400
First Assistants	1,008
Other Assistants and Teachers, each	900

BALTIMORE POLYTECHNIC INSTITUTE.

The present President of this school is an officer of the United States Navy, detailed for service at this school, and receives from this Board	$ 500
Vice-President	1,200
Instructors	1,200
Assistants	$600, $720, $900, 1,000

COLORED MANUAL TRAINING SCHOOL.

Instructors	$900
Assistants	600

MALE GRAMMAR SCHOOLS.

	1st Year.	2d Year.	3d Year.
Principals	$1,296	$1,404	$1,500
First Assistants (male)	804	900	.....
First Assistants (female)	588	672	.....
Second Assistants	456	516	.....
Third Assistants	444	504	.....

ENGLISH-GERMAN SCHOOLS.

	1st Year.	2d Year.	3d Year.
Principals	$1,296	$1,404	$1,500
Vice-Principals	804	900	1,008
First Assistants (English female)	564	648	.....
First Assistants (German male)	600	.....	.....
Teacher in charge of lowest grade	.....	.....	504

Other assistants in grammar grades, same as third assistants in male grammar schools.

Assistants in primary grades, same as assistants in primary schools.

FEMALE GRAMMAR SCHOOLS.

	1st Year.	2d Year.
Principals	$804	$900
First Assistants	564	648
Second Assistants	444	504
Third Assistants	432	480

MALE AND FEMALE PRIMARY SCHOOLS.

	1st Year.	2d Year.	3d Year.
Principals	$600	$696	....
Assistants	408	432	$468
Teacher in charge of lowest grade	....	....	504

HIGH AND GRAMMAR COLORED SCHOOLS.

Principals and assistants in grammar grades, the same as male grammar schools.

Assistants in High School department $672

COLORED PRIMARY SCHOOLS.

	1st Year.	2d Year.	3d Year.
Principals (male)	$804	$900	....
Principals (female)	600	696	....
First Assistants (male)	700	....	....
Assistants (female)	408	432	$468
Teacher in charge of lowest grade	....	....	504

INTERMEDIATE SCHOOLS.

	1st Year.	2d Year.	3d Year.
Principals (males)	$1,200	....	....
Principals (females)	804	....	....
First Assistants	600	....	...
Teacher in charge of lowest grade	444	$468	$504

Other assistants in grammar grades, same as third assistants in female grammar schools.

Assistants in primary grades, same as assistants in primary schools.

UNCLASSIFIED SCHOOLS.

Composed of Primary and Grammar Scholars and Not Otherwise Designated.

	1st Year.	2d Year.	3d Year.
Principals	$696	$780	$900
First Assistants	504	552	600

SATURDAY NORMAL CLASS.

Principal	$200
Assistants	150

NIGHT SCHOOLS.

Principals, $2.50 per night for actual service.
Assistants, $1.50 per night for actual service.

THE SCHEDULE OF SALARIES TO BE SUBJECT TO THE FOLLOWING CONDITIONS:

All below the grade of second assistant in male and female grammar schools to be graded as third assistants, the Board of School Commissioners to determine at the annual election the grade of each assistant; in case of failure to do so the senior assistant to grade highest in all cases.

In male and female grammar schools not employing three assistants, the lowest assistant shall rank as third assistant, and so continue until there are three assistants employed in that school, excepting the first assistant, who shall in all cases rank as first assistant.

Teachers who may have served for *two full* years in any of the public schools of Baltimore, upon promotion to grammar schools shall be entitled to the second year's salary of that grade to which they may be assigned (excepting that of principal), and teachers who shall have served *three full* years, counting the time served in the public schools of Baltimore, and the time served in any school or schools of recognized

merit, shall be entitled to the highest salary of the grade to which they shall be assigned (excepting the grade of principal of grammar school), from and after the date upon which they submit satisfactory written evidence of that fact to the President of the Board, who shall be vested with power to decide.

Teachers elected during the month of September shall receive the full salary for the months of July and August of the succeeding year; those elected in October shall receive nine-tenths of said salary; in November, eight-tenths, and so on to the close of the scholastic term.

Any teacher who shall have served the usual probationary period of ninety days before the close of the scholastic year, and who shall be elected at the annual election, shall receive her proper proportion of salary for July and August.

When transfers are made from one school or position to another, the teacher transferred shall draw the salary of the position from which he or she has been transferred till the end of the month in which the transfer shall be made.

SALARIES OF JANITORS, JANITRESSES AND FIREMEN.

Janitor and fireman of Baltimore City College	$1,000
Assistant fireman of Baltimore City College	600
Janitor of Baltimore Polytechnic Institute	720
Fireman of Baltimore Polytechnic Institute	720
Janitor of Baltimore Polytechnic Institute, new building	720
Fireman of Eastern Female High School	480
Fireman of Western Female High School	720
Janitress of Eastern Female High School	300
Janitress of Western Female High School	420

Fireman and engineer of No. 3 English-German School, $40 per month; for large furnaces in schools having the Smead system, $10 per month, and for other furnaces $5 each per month.

Janitresses of schools having 3 class-rooms shall receive $9 per month; 4 class-rooms, $10 per month; 5 class-rooms, $11 per month; 6 class-rooms, $11.50 per month, and increase 50 cents per month for each additional class-room. They shall receive additional compensation for making fires in stoves from October to April, inclusive, at the rate of 50 cents per month for each stove on the first floor and 75 cents for each stove on the second and third floors. The salaries of janitresses of schools containing more than 12 class-rooms, and of janitresses of buildings used as branches of schools, shall be fixed by the President and Secretary, subject to the approval of the Board.

Janitresses of night schools, $5 per month; firemen of night schools, $4 per month.

REPORT

OF THE

Superintendent of Public Instruction.

BALTIMORE, January 1, 1896.

To the Honorable the Mayor and City Council, and the Board of Commissioners of Public Schools of Baltimore City:

GENTLEMEN.—The following report of the condition and statistics of the schools for the year ending December 31, 1895, is submitted for your consideration:

SUMMARY OF STATISTICS.

Population of Baltimore—White, 384,394; colored, 71,033; United States census 1890		455,427
Enumeration, school census, 1888		110,731
School age		6–21
Basis of taxation		$331,773,128
School tax—City, 31½ cents; State, 10½ cents		42 cents.
Number of pupils in school during the year		75,610
Number of pupils on roll December 31, 1895		61,271
Increase	1,463	
Number of teachers December 31, 1895, exclusive of special teachers		1,580
Increase	23	
Number of schools December 31, 1895		171
Increase	6	
Percentage of attendance on enrollment		84
Decrease	2 per cent.	

HIGH SCHOOLS AND COLLEGE.

Number of pupils on roll December 31, 1895		1,747
Increase	53	
Percentage of attendance		92
Decrease	1⅝ per cent.	
Number of pupils to a teacher on enrollment		40
Increase	1	
Number of pupils to a teacher on average attendance		38
Increase	4	

POLYTECHNIC INSTITUTE.

Number of pupils on roll December 31, 1895		522
Decrease	21	
Percentage of attendance		94
Decrease	1 per cent.	
Number of pupils to a teacher on enrollment		26
Decrease	1	
Number of pupils to a teacher on average attendance		24
Decrease	4	

GRAMMAR SCHOOLS.

Number of pupils on roll December 31, 1895		14,484
Increase	306	
Percentage of attendance		88
Decrease	1½ per cent.	
Number of pupils to a teacher on enrollment		38
Decrease	1	
Number of pupils to a teacher on average attendance		33
Decrease	1	

ENGLISH-GERMAN SCHOOLS.

Number of pupils on roll December 31, 1895		6,780
Increase	1,085	
Percentage of attendance		90
(Same as last year).		
Number of pupils to a teacher on enrollment		41
Increase	1	
Number of pupils to a teacher on average attendance		36
(Same as last year).		

PRIMARY SCHOOLS.

Number of pupils on roll December 31, 1895		22,201
Decrease	124	
Percentage of attendance		83
Decrease	1½ per cent.	
Number of pupils to a teacher on enrollment		39
Increase	1	
Number of pupils to a teacher on average attendance		32
Decrease	2	

COLORED SCHOOLS.

Number of pupils on roll December 31, 1895		7,907
Increase	54	
Percentage of attendance		78
Decrease	3 per cent.	
Number of pupils to a teacher on enrollment		39
Decrease	2	
Number of pupils to a teacher on average attendance		31
Decrease	1	

ANNEX SCHOOLS.

Number of pupils on roll December 31, 1895		7,551
Increase	129	
Percentage of attendance		81
(Same as last year).		
Number of pupils to a teacher on enrollment		41
Increase	2	
Number of pupils to a teacher on average attendance		34
Increase	1	

ACCOMMODATIONS.

City College.—The new building in course of erection for the accommodation of this school is very much needed, and there should be no delay in having it ready for the school in the shortest time possible. The building occupied at this time is too small, and does not afford many facilities that are necessary for the efficient conduct of the school.

Eastern Female High School.—This school is in need of increased accommodations. As there is sufficient ground for the purpose it would be well to erect an addition to the building large enough to provide the necessary number of class-rooms.

No. 1 Male Grammar School.—There are several class-rooms not in use in the building occupied by this school.

Grammar School No. 2.—Both the male and female departments have a larger number of pupils than the building will seat. Some of the classes are accommodated in the building occupied by No. 25 Primary School. As the neighboring grammar schools, except No. 17, have all of their rooms occupied, some of them crowded, it is necessary to provide accommodations for some of the pupils of this school. As there are several unused class-rooms at No. 17 Grammar School, it would be in the interests of economy and lessen the overcrowded condition of No. 2 Grammar School—in admitting new pupils and in transferring pupils from the primary to the grammar schools—to discriminate in favor of No. 17 Grammar School in all cases in which the distance from the pupil's home to the school is not too great.

No. 6 Grammar School, as has been stated in former reports, has not a sufficient number of class-rooms, and some of the pupils have to be taught in a rented house entirely unsuitable for school purposes. This condition of affairs has existed for a long time, and has seriously interfered with the success of the school. This section of the city is not supplied with

the amount of school space necessary to meet the wants of the number of children residing within its limits. When the building now in course of erection on the corner of Linden avenue and Konig street for the use of Annex School No. 18 is opened, it is hoped that the situation at No. 6 will be greatly improved.

No. 7 Grammar School.—Additional class-rooms are needed for the use of this school. For a long time two teachers have had to instruct their classes in the same room. Besides interfering materially with the instruction of the children, it is very objectionable from a sanitary standpoint to seat two classes in a room affording only a sufficient amount of air for one class. The section of the town in which this school is located is increasing in population, and it is important to give this matter due consideration.

No. 8 Grammar School.—One of the classes of the male department has to be taught in a rented room in the neighborhood of the school on account of a lack of sufficient room in the main building.

No. 9 Grammar and Primary Schools have been conducted in rented dwelling houses in the neighborhood since the building they occupied was taken for the use of the Polytechnic Institute. The buildings they now occupy are not suitable for school purposes. On account of the dark, small and badly ventilated class-rooms, parents who reside within the district are unwilling to send their children to these schools, consequently many of them attend No. 19 Grammar and Primary, and No. 32 Primary, which are full or overcrowded.

No. 10 Grammar School.—The female department of this school, as was stated in my last report, needs additional room for the accommodation of its classes. It is necessary to instruct three classes in two of the class-rooms. Good work cannot be done under such unfavorable conditions. Teachers and pupils are not only subjected to serious inconvenience, which interferes with the instruction of the children, but their health is impaired by the lack of a sufficient amount of pure air. As there is room for some of the pupils of this school in No. 4 Grammar School, not far away, and as the building now occupied by No. 17 Primary School is very badly lighted and the class-rooms too small, it is recommended that No. 10 Grammar School, which is located in the extreme north of its district, be moved further south; that No. 17 Primary School be moved to the building now occupied by No. 10 Grammar School, and that the district

lines of No. 4 and No. 10 Grammar Schools be changed so as to give a portion of the northern district of No 10 to No. 4. This part of the city has been built up to the south and east very considerably within the last few years, and as the erection of dwellings on the ground yet unoccupied will continue, by carrying out these recommendations this neighborhood will be adequately supplied with grammar school facilities for some time to come.

No. 11 *Grammar School.*—Both departments of this school need additional accommodations. Two classes are taught in small retiring rooms not large enough for class-rooms. No. 13 Grammar School, situated a short distance from No. 11, has enough unoccupied space to seat the excess of pupils at No. 11. Hereafter when receiving new pupils at No. 11, those who live near enough should be sent to No. 13, or to No. 17 Grammar School.

No. 19 *Grammar and Primary Schools.*—The primary and grammar schools occupying the building on the corner of Park avenue and Hoffman street have increased to such an extent as to require increased accommodations. Some of the pupils enrolled in these schools live in the district of No. 3 Male and Female Annex Schools, in which there is room for their accommodation; others live in the district of No. 9 Primary and Grammar, and some of them are non-resident pupils. Hereafter when receiving new pupils into this school—either new admissions, promoted, or transferred pupils—those who live in districts in which there is room for their accommodation should be required to attend school in their own district, and non-resident pupils should be admitted only after resident pupils have been accommodated. When the building in course of erection on Linden avenue and Konig street for the use of Annex School No. 18 is opened, it is expected that the condition of No. 19 will be materially changed for the better.

No. 20 *Grammar School.*—In both departments the new building erected a short time ago and afterwards increased by four class-rooms is greatly overcrowded, and it is necessary both on account of health and instruction to provide additional class-rooms. Some of the pupils enrolled live in the district of No. 5 Grammar School, in which there is room for their accommodation. Hereafter when new pupils are received into this school—either by permit, promotion or transfer—those who live in districts in which there is room for their accommodation should be required to attend school in their own district.

English-German Schools Nos. 2 and 4 have a larger number of pupils on roll than their buildings will properly accommodate, and it is important on account of the health and progress of the children that arrangements should be made for supplying these schools with healthful and adequate accommodations.

English-German School No. 7, recently opened on Fayette street near Broadway, occupies rented dwellings unsuitable for school purposes, and it is necessary to provide a house for this school. It is necessary in considering a proposition for the erection of a school-building not only to take into consideration the one school for which the building is to be supplied, but also the neighboring schools, and the effect the opening of the new school will have upon them. In this case, the probable effect of building this school, should be considered in connection with the following schools: Grammar Schools Nos. 2, 7, 11 and 17, and Primary Schools Nos. 5, 6, 13, 23, 26 and 27.

Colored School No. 1 occupies a rented dwelling on Courtland street unsuitable for school purposes, and it is necessary to provide this school with better facilities.

Colored School No. 4 is greatly overcrowded, but when the building now used by English-German School No. 1 is vacated—which will be the case when the building for the City College is occupied—if it is used for the female department of Colored School No. 4, as it is intended should be the case, the condition of this school will be greatly improved.

Colored School No. 8 is greatly in need of a suitable building. Only two of the classes of the male department can be accommodated in the main building, the other rooms being occupied by the female department. Several of the classes of the male department have to be taught in rented rooms, not suited in any respect for class-rooms. The principal, under such circumstances, has little opportunity to overlook the discipline and instruction of his classes.

Colored School No. 9.—This school, which for a long time has been overcrowded in the main building, while some of its classes had to be taught in a rented house unsuitable for school purposes will, it is thought, receive ample relief when it is transferred to the new building now in course of erection for its occupancy.

Annex School No. 1, as has been stated in former reports, needs, or will need in a short time, four additional class-rooms. At this time two classes have to be taught in very

small rooms in a rented dwelling-house situated a short distance from the main building. This section is growing, and it is necessary to provide school facilities for the children.

Annex School No. 2 has not a sufficient number of rooms to accommodate its classes. During the year the local committee was confronted with the alternatives of securing the needed class-rooms in rented dwellings, or of accommodating the school, as well as possible, without securing additional rooms. The latter plan was thought best, as its disadvantages, though apparent, were not as great as would be the case in cooping up some of the children in small, badly lighted, ventilated, and heated rooms, the only kind to be secured in rented buildings. The necessary steps must be taken in a short time to supply this growing locality with increased school facilities.

Annex Female Grammar School No. 3 occupies a rented house unsuitable for school purposes on Twenty-first near Oak street. The rooms are small, badly lighted and ventilated, and do not afford the requisites for carrying on the work of the school. A house should be built for this school near the corner of Huntingdon avenue and St. Paul street. Its location at this point, it is thought, will make it convenient for some of the pupils who now overcrowd Annex School No. 2.

Annex No. 4 and Annex No. 6 are kept in the same building, located on Chestnut and Fourth avenues. The building contains twelve class-rooms and the number of teachers is seventeen, making it necessary in several instances for two teachers to instruct their classes in one room. Two classes cannot be satisfactorily taught in one room. Besides the lack of proper conditions for the best instruction, the foul air occasioned by overcrowding renders the pupils dull and listless, and at the same time lays the foundation for disease. This part of the city is increasing in population, which will be more and more the case, as it has recently been made much more accessible to the city proper by street railways, and it is important to give this matter proper consideration. The overcrowded condition of this building would be lessened or relieved if the pupils attending Annex No. 5, living near enough, were transferred to Annex No. 19, and the space vacated at No. 5 were occupied by some of the primary school pupils of No. 4. All of the grammar school pupils in this vicinity should attend No. 7 or No. 6. This arrangement would to an extent relieve the overcrowded condition of No. 4 and No. 6, and at the same time it would place the small children in buildings nearer their homes.

Annex School No. 7 needs an additional room for one of its classes. It is necessary for two teachers to instruct two classes in one room. This impairs the health of the pupils, besides seriously interfering with their instruction.

Annex No. 8.—When the schools reopened in September it was found necessary on account of the increase of the number of pupils to transfer four of the classes to the old building formerly occupied by the school. This section of the city is rapidly increasing in population and it is necessary to provide additional accommodations.

Annex Colored School No. 1 occupies two buildings—one rented—neither well suited for school purposes, on Merryman's lane. This school is in need of suitable accommodations.

BUILDINGS.

As a considerable portion of our population is moving from the older portions of the city to the annexed districts, which are daily becoming more accessible by means of new lines of street railway, we must recognize the fact that it will become more and more necessary to provide increased accommodations for pupils residing in the outer portions of the city. These sections in the future will make greater and greater demands for new buildings. Whenever a new building is erected it is unwise to consider only the conditions and needs which exist at the time the house is built, but there should be taken into account also the conditions which will most probably exist in the future. The location of a new house should be determined not only by the population of the section, but by the surrounding circumstances, the situation and condition of other schools already established in the vicinage. In order to be able to provide buildings intelligently and economically it is necessary to enforce the rule requiring pupils to attend school in their own district, and also to fix definitely the seating capacity of each building. When new buildings are opened, pupils who in many instances should attend other schools flock to and overcrowd the new building, while the space provided for them in their own district is left unoccupied. Much space in this way is rendered useless, and in the interest of economy and of discipline it is very necessary to require pupils to attend the schools in their own district. When pupils live at convenient distances from school their attendance, especially in bad weather, is better than it would be otherwise, their parents may be more promptly communicated with, and their co-operation secured.

The buildings recently erected for the use of the schools are faulty in many essential particulars. The class-rooms in most of them are too small to allow sufficient space outside of the desks for persons to move about the room. There is not enough space in front of the desks for the placing of blackboards and other necessary apparatus for teaching. The rooms are about twenty-one by twenty-six feet, some of them only about twenty-one by twenty-two, while they should be about twenty-five by thirty to afford each pupil fifteen feet of floor space. It is very desirable to furnish every school with an assembling room, or to arrange the partitions separating several class-rooms so that they may be moved out of the way and the rooms thrown into one for an assembling room. A room of this kind is very necessary for the efficient management of a school. The opening exercises can be held by the school in a body; it affords the principal the opportunity of making announcements to the entire school at one time; it permits the occasional assemblage of all the grades to engage in the recitation of selections, declamations, the reading of compositions, and to participate in the exercises on the 22d of February, Arbor Day, etc., besides serving to unify a school and to put it more completely under the direction and supervision of the principal. As it may be considered too expensive to provide each school with a room to be used solely for this purpose, it is desirable that new houses shall be constructed so that several rooms, by the removal of partitions, may be converted into one, which may be used as an assembling room.

Some plan for new buildings should be adopted. Certain regulations, conforming to well-established sanitary laws, fixing the amount of floor-space and air-space to be provided for each pupil, defining the method of heating, lighting and ventilation to be used, and the maximum number of pupils to be seated in one room under the care of one teacher, should be definitely agreed upon. The Inspector of Buildings is greatly embarrassed and hindered in the performance of his duties by not having such rules for his guidance.

It is very important that we should adopt a model school-building after the plan of which all new houses should be constructed. This plan should embrace the best and most economical arrangements for heat, light, sanitation, ventilation, and the size and arrangement of class-rooms. If such an arrangement were made and properly carried out it would not only conduce to a more economical expenditure of the

money appropriated for buildings, but it would at the same time promote the health and instruction of the children.

It may be thought the demands upon the treasury for new school-houses and for other purposes are too large, and that an economical administration of the city finances will not justify so large an expenditure, but while rigid economy should be practiced, it is at the same time true that the worst thing we can do is to practice false economy in withholding from the schools what is really needed to provide the necessary means for the education of the children. The unwise policy of the past, which failed to supply the rapidly growing system accommodations in proportion to its growth and needs, the movement of population from the interior to the outskirts of the city, and the annexation of a large and rapidly developing outlying territory, necessitate the expenditure of the requisite amount of money to furnish additional accommodations for many pupils who are now in the schools and for others who desire to attend. Many of the primary classes are overcrowded to such an extent as not only to injuriously affect the health of the pupils, but also to interfere seriously with their instruction. Under no circumstances should two teachers be under the necessity of teaching both of their classes in a room intended for one class. In many of the rooms in which pupils of the primary grades are taught two teachers with their classes occupy one room. Two-thirds of the pupils attending the schools receive instruction in the primary department, and when this is considered, together with the fact that here the foundation of their training is laid, and that a large number of pupils do not stay in the schools a sufficient length of time to advance beyond the primary grades, it is obvious that the primary schools should receive the most of our care and attention. They should have everything necessary for the instruction of the children, so that in the short time they are to be in school they may receive the greatest possible benefit. They should especially have well-qualified teachers, both scholastically and as to their ability to instruct and to govern.

There is no excuse at this day for employing any teacher who has not a good high-school education, or its equivalent, supplemented by one or two years' training in the principles and practice of teaching. As the primary schools are organized, equipped and conducted, so will our system be—their improvement or deterioration will in the highest degree

affect the whole system. They should be liberally supplied with everything necessary for their efficient management and growth. They should have inviting school buildings, conveniently located, suitably arranged and furnished, and well-qualified teachers.

THE CERTIFICATION AND PROMOTION OF TEACHERS.

Your attention is again called to this important subject. According to the rules as they now stand regulating the eligibility and promotion of teachers, all the teachers in the schools who have served for ten years are declared to be eligible, if selected for promotion, to any position in a primary or a grammar school; those who pass the semi-annual examinations of applicants for certificates to teach, are declared eligible for ten years to any position in a primary or a grammar school, and the graduates of the College, the High Schools and the State Normal School, who obtain a fixed average, are made eligible for ten years to any position in a primary or a grammar school. It is easy to see how the operation of these rules make many persons eligible to the most responsible positions in the schools for which they may be totally unfitted, either from a lack of experience in teaching, or of a competent knowledge of the branches they would be called upon to teach, and at times on both of these accounts. By their operation persons may be selected to teach branches which they have given the Board no evidence that they understand themselves. What guarantee has the Board that teachers examined upon the merest elements of arithmetic, grammar and geography, as most of the teachers were at the time they entered the schools, are scholastically qualified to teach history, algebra, elementary science and geometry, which are required by the course of study to be taught in the upper grammar grades? Under the old rules of the Board applicants for certificates to teach were certificated according to the degree of difficulty of the examination they passed, as second assistant of a grammar or a primary school, principal of a primary or a colored school, first assistant of a female grammar school, first assistant of a male grammar school, principal of a female grammar school, and as principal of a male grammar school. Under the operation of these requirements many teachers came forward voluntarily to give evidence to the Board that they were qualified scholastically to be promoted, and many of these secured

higher positions and are at this time numbered among the best teachers in the schools. It is recommended in this connection that after securing the lowest place in the primary or grammar schools by one of the means now in vogue, that is to say, by examination or graduation with the requisite average, that further claims to eligibility and promotion to higher positions be based on passing suitable examinations arranged for each position. I am quite sure that such a method of fixing the degree of eligibility of teachers would not only stimulate the teaching force generally to study, secure better promoted teachers and greatly improve the school system, but also that its adoption would be highly gratifying to a large number of our best and most experienced teachers, who would thus be enabled to see that there is an equal chance for all, and that eligibility for promotion is based, as it should be, both in the interests of the teachers and the schools, on merit alone. In case these recommendations were adopted, promotions would almost regulate themselves, as little mistake could be made in selecting for promotion any one from the list of those who had shown the Board, by successful experience in the schools and by passing the requisite examination, that she possessed the necessary qualifications to fill the position. The stimulus to study this system would give the teaching force is acknowledged to be a necessary and most important means of keeping up its tone and efficiency. No officer in the army or navy, or employe in the civil service can be promoted from a lower to a higher position without showing by an examination that he has by study and attention to duty made himself competent to be promoted to the next higher grade. There is coming more and more into vogue also another way of getting names on the list of eligibles, that is, by suspending the rules of the Board and declaring by vote that a certain person's name is placed upon the list of eligibles. Fairness to other applicants, and the highest interests of the school system and of the community demand that all applicants shall become eligible for entrance into the schools and for promotion in accordance with certain discriminative requirements, tested by suitable examinations, and that in securing a place upon the list of eligibles, fairness, to say the least, demands that what is required of one person shall be required of all, and what is granted to one shall be granted to all. The rules passed in April, 1887, making those eligible who graduated from the College, High Schools and State Normal School, with the requisite average, and

those who passed the semi-annual examination eligible for ten years, were regarded as a step in advance and as increasing the requirements of persons declared eligible to teach; but the amendments to the rules made since that time making all teachers who have been in the schools ten years if selected for promotion eligible to any position in a primary or grammar school, making persons, who have left the service honorably, eligible at any time to the position of second assistant in a primary or grammar school, and the frequent suspension of the rules to allow the names of applicants to be placed upon the list of eligibles without complying with the rules relating to the eligibility of candidates, neutralize in a great measure their good effect, and in fact make the standard of eligibility lower than it was before the adoption of the rules in 1887; and it must be said that the operation of these rules and the plan of appointing and promoting teachers do not result in securing the best persons available as teachers. One of the most potent means of keeping a teaching force well prepared for its work, successful in accomplishing it, and constantly striving for higher achievement, is a well-arranged plan for fairly testing the qualifications of those who are seeking appointment or promotion, and in selecting those in either case who are best qualified. If those employed to teach see that their advancement is due to merit alone they will strive arduously to excel, and if those who are praparing themselves to teach are convinced that qualifications alone are considered in making appointments, our teachers will not only come to us better prepared for their work, but the schools which are engaged in fitting persons for teachers will be greatly stimulated and benefited.

IMPROVEMENT OF THE SCHOOLS.

Anyone possessing the information necessary to form a correct judgment recognizes the fact that within recent years our schools have made decided improvement. The School Board has introduced important changes and would have made others equally as important and beneficial had the Council granted the power and means to do so. The Teachers' Library, the grade meetings, the special classes organized under the auspices of the Teachers' Association for the instruction of teachers in Kindergarten, Latin, German, French, Botany and other branches have been influential in producing marked improvement in the teaching force.

A school system must in the nature of things reflect in a very large measure the enlightenment of the community in which it is maintained, and its condition must be determined by the amount and quality of the means provided for carrying it on. No system is perfect. Our schools have many excellent and progressive teachers. Their adverse critics have not thoroughly acquainted themselves with the condition of the schools. But after all there are many important and necessary changes that should be made in order to increase the efficiency and usefulness of the schools:

(1). As many of the teachers receive their academic training in the female high schools, the course of study of these schools should be put on an equality with that of the City College. This would give the schools, in many instances, teachers of higher literary attainments, besides fitting the graduates of the high schools to enter college without being conditioned. There is no reason why girls should not have the same facilities for education as those provided for the boys. Inasmuch as most of our teachers are women, the opportunities held out for their training should be liberal and certainly include everything provided for the boys. A few years ago the course of study pursued in the female grammar schools was made the same as that of the male grammar schools, and the wise reasons which induced the Board to make that improvement should urge us to do the same thing in regard to the courses of the high schools and the City College. The high-school graduates complain because this is not done, and in the interests of the high-school students individually, and of the school system generally, it is recommended that steps be taken to introduce this change.

(2). If supervision is to effect the purpose it is intended to accomplish, it must be provided in proportion to the amount of work to be done. Our organization looks to the performance of this work by the principals of the schools and two superintendents. As the principals are required to teach classes, it is impossible for them to devote the necessary time and attention to this important duty, and it is manifestly imposssible for two persons to give the close attention to the work in which so many teachers are engaged that is required to secure the good results intended. In this connection I would recommend that the requisite number of well-qualified supervising principals be employed for this purpose. This need not materially increase expenses, as the employment of supervising principals would enable the Board to do away in

time with much of the expense now incurred in providing principals' salaries. Even if this may not be the case, the good resulting from providing adequate supervision would more than compensate for the outlay involved.

(3). In order to further improve the teaching force, arrangements should be made for the organization of grade meetings to be held at stated times throughout the year. These meetings should be conducted by the supervisors, and the regulations of the Board should require the attendance of teachers. I am satisfied that a great amount of good would be accomplished, and should be by means of such agencies.

(4.) A school for the training of teachers should be established. Persons entering this school should be graduates of a good high school, or those of equal scholastic attainments. An entrance examination should be required of all. The course should be for one or two years, and should embrace both the principles and practice of teaching. Great care should be exercised in securing a thoroughly competent faculty for the school, and in admitting as students none but those who possess good academic scholarship. To the same extent a good school would be an advantage to the system, a poor one would be a decided injury. It may be stated that in many cities of this country no persons are appointed to teach who have not had, in addition to the training received in an *approved* high school, one or two years of normal training. Thus incoming teachers have good scholastic qualifications, a knowledge of the methods of teaching, and have acquired the ability to apply those methods successfully. The faculty in charge of the training school should be persons of sufficient firmness to reject students who evince no aptness for teaching, so that only those who have the natural endowments may be certificated to teach. This is an important consideration, and a person should be chosen for the head of the school who would honestly and manfully comply with this requirement. Those graduating from the German normal schools are divided into three groups: The first are highly recommended, with the assurance that they will prove satisfactory; the second may be chosen, but they are not so highly recommended as the first; the third are not recommended, and do not secure appointment. The good, bad and indifferent are not sent out promiscuously, but the schools accomplish the purpose for which they were organized in training those who possess the natural requisites to teach, and also in excluding those who do not possess the qualities necessary for fitting them to become teachers.

(5). The merit system should be employed both in appointing and in *promoting* teachers. If those who are preparing to teach know that a high standard of qualification decides in the selection of applicants they will make every effort to qualify themselves for the work, and if those who are already employed in the service know that the sole test for promotion is efficiency they will strive to become efficient. Examinations, coupled with a certain period of successful service, should in all cases determine fitness for promotion to higher positions. The healthy stimulus that would thus be given to the teaching force is desirable and beneficial, and puts appointments and promotions beyond the reach of any sort of improper influence. It is gratifying and encouraging to teachers to know that efficiency and faithful service are recognized. The method of selecting and promoting teachers which is herein outlined, if intelligently and faithfully carried out, would be of incalculable service in improving our schools.

(6). A good school library should be furnished every system of schools, and the Board of Education should by its rules require the teachers to make use of it. All teachers should be familiar with the ideas of the great educational reformers, and they should familiarize themselves with the improvements constantly being made throughout the educational world.

It is only by such means as are here suggested that those who are entrusted with the most important duty of educating the young of the land, may make themselves capable of doing their work so as to give the pupils of the schools culture, knowledge, efficiency and character—the essentials of success in life and of good citizenship. Within recent years many improvements have been made in educational methods. Especially is this the case in regard to the work of the elementary grades. The study of the Kindergarten and of the child has led to the recognition of the importance of individualizing teaching and to the adoption of methods based on observation and reflection. Training sixteen hundred teachers—many of whom have limited academic qualifications, and few any professional training except what they have gathered from their daily work in the class-room—up to the point of teaching the children under their charge so as to accomplish the true work of education is a task of huge proportions and of great difficulty, even under the most favorable conditions, but when the means for doing this are

so entirely out of proportion to what is to be accomplished, it is simply impossible and cannot be expected by any rational person.

COOKING.

Many cities in this country have added cooking to their course of instruction, and instruction in domestic economy is systematically given in nearly all the schools of Europe in which girls are taught, such instruction being considered quite as necessary for the girls as manual training is for the boys. The effects of such instruction would be most beneficial in the education of girls in our schools, besides improving the entire school system. The cooking lessons, it must be remembered, are not taught to give the girls a knowledge of cooking alone, though this is a very desirable and important result, for taught as they should be, in connection with physiology and lessons in elementary science in the school-room—experience has demonstrated—they possess a high educational value, as the instruction they give embraces both the theory and its practical illustration. The study of only what is contained in text-books has been condemned for ages by all the educational reformers and leaders of educational thought, and the opportunity these lessons afford for the study of things by observation and examination should be seized and utilized in promoting the thoroughness and usefulness of the schools. Learning from the observation and study of things, the combination of theoretical and practical instruction, has been urged by all orthodox writers upon education as the best means of unfolding, training and stimulating the powers of the mind and in acquiring knowledge. As the lessons in cooking serve as practice work for what is taught in elementary science and physiology, they are of prime importance as a means of mental training. The lessons must of necessity include a study of heat and water and many of their phenomena, the constituents of food, their digestion, the amount of nutriment each kind contains, their suitableness for the sick and for those in health, the economical purchase and use of foods, their adulteration, etc., etc., a study of which in connection with the manual work incident thereto, and to the preparation of various foods, embraces a most fruitful field for the teacher in developing the minds of the girls, besides giving them a knowledge of cooking and what it embraces, which will be most helpful to a woman in any sphere of life.

AN ANNUAL EXHIBIT.

The amount of effort and thought given by the schools to the preparation of the exhibit of school work sent to Chicago exercised a most beneficial influence on the teachers and the schools. The exhibit of drawing and needle-work, made under the auspices of the Teachers' Associatian last June at the Western High School, not only afforded all interested in the schools the opportunity of seeing what the children are accomplishing in these two important branches of work, but it also enabled the teachers to compare their work with that done in other schools, and in this way it is apparent that much good was accomplished. Evidences of the truth of this statement are apparent throughout the schools, and this leads me to suggest that it would be highly beneficial to the system to provide a suitable place for the purpose, and to make annually an exhibit of each kind of work done in the schools. Not only would such a display of what we are doing in the schools stimulate and improve the teachers by enabling all of them to see exactly what their co-laborers are doing, and to compare it with what they themselves are accomplishing, but it would also afford an opportunity to the public to see the condition of our system of public education and the progress the schools are making. I am satisfied that the improvement to the schools effected by means of such a yearly exhibit of their work and progress would more than compensate for the time required for its preparation and the small amount of money used to defray its expense.

In the report of the Assistant Superintendent, accompanying this, will be found an account of the condition and needs of the primary schools.

Respectfully submitted,

HENRY A. WISE, *Superintendent.*

Tables Accompanying the Superintendent's Report.

TABLE A.

Statement Showing the Number of Male and Female Teachers and the Number of Pupils on Roll Dec., 1895, the Average Number of Pupils on Roll During the Year, the Average Attendance for the Year, the Percentage of Attendance for the Year, and the Number in School During the Year.

Schools.	Teachers.		Number of Pupils.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Baltimore City College..	16	.....	663	620	570	94	952	660
East. Fem. High School.	1	12	452	436	399	92	606	456
West. Fem. High School.	1	14	632	571	522	91	915	617
Totals	18	26	1,747	1,627	1,491	92	2,473	1,733
Bal. Polytechnic Inst'te.	21	.....	522	505	477	94	872	800
Col'd Manual Training..	6	.....	79	85	70	83	127	101
Totals	27	.....	601	590	547	93	999	901
Male Grammar No. 1..	2	6	354	326	293	90	486	364
" " " 2..	2	9	467	461	411	89	639	501
" " " 3..	2	3	150	135	117	87	217	150
" " " 4..	2	6	325	287	260	91	422	308
" " " 5..	2	5	260	245	216	88	389	287
" " " 6..	2	9	380	389	334	86	573	453
" " " 7..	2	7	374	344	318	92	512	372
" " " 8..	2	8	434	406	362	90	608	446
" G. and P. " 9..	1	4	122	125	99	79	188	178
" Grammar " 10..	2	7	374	353	320	91	518	385
" " " 11..	2	6	300	276	248	90	423	284
" " " 12..	2	7	356	341	315	92	511	377
" " " 13..	1	4	162	159	146	91	217	169
" " " 15..	2	10	425	432	386	89	633	494
" " " 16..	1	9	370	346	302	87	474	469
" " " 17..	2	6	305	294	267	91	428	319
" " " 18..	2	5	280	246	216	88	385	287
" " " 19..	1	9	383	395	355	90	563	456
" " " 20..	2	12	568	509	447	88	737	554
" " " 21..	2	7	382	368	332	90	527	394
" " " 22..	1	6	230	227	202	89	333	262
Totals	37	145	7,001	6,664	5,846	90	9,843	7,509

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Female Grammar No 1.....		9	343	341	287	84	489	392
" " " 2.....		12	441	442	370	84	667	483
" " " 3.....		5	132	152	127	84	221	176
" " " 4.....		8	303	261	236	90	398	290
" " " 5.....		7	272	255	218	85	367	274
" " " 6.....		12	443	439	383	88	629	495
" " " 7.....		10	403	379	336	89	565	409
" " " 8.....		11	439	425	354	84	603	480
" G. and P. " 9.....		5	140	145	113	78	206	202
" Grammar "10.....		10	365	352	329	93	507	385
" " "11.....		10	402	370	323	87	530	394
" " "12.....		9	357	330	291	88	504	341
" " "13.....		7	287	270	231	86	395	307
" " "15.....		15	599	578	496	86	807	651
" " "16.....		10	399	378	316	81	532	523
" " "17.....		8	275	256	229	89	395	277
" " "18.....		9	351	330	272	82	477	378
" " "19.....		12	449	477	412	86	694	572
" " "20.....		16	656	623	521	84	882	676
" " "21.....		10	427	424	367	87	588	464
Totals		195	7,483	7,227	6,211	86	10,456	8,169
English-German No. 1..	3	12	463	487	422	87	651	601
" " " 2..	2	26	991	1,001	921	92	1,326	1,284
" " " 3..	3	34	1,648	1,615	1,465	91	2,102	2,046
" " " 4..	3	32	1,388	1,364	1,208	88	1,777	1,695
" " " 5..	3	24	1,106	1,083	963	89	1,452	1,391
" " " 6..	4	18	938	809	724	89	1,117	987
" " " 7..	1	7	246	154	140	91	269	90
Totals	19	153	6,780	6,513	5,843	90	8,694	8,094

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Male Primary No. 1		9	265	288	235	82	457	410
" " " 2		6	216	222	184	83	350	339
" " " 3		11	402	406	358	88	625	595
" " " 4		7	211	235	225	96	348	310
" " " 5		12	442	448	378	85	676	636
" " " 6		11	429	412	362	89	571	563
" " " 7		6	244	220	174	80	306	292
" " " 8		6	215	210	156	74	319	302
" " " 10		6	179	192	156	81	274	266
" " " 11		15	622	597	491	82	904	833
" " " 12		9	383	385	316	82	530	503
" " " 13		5	186	185	143	77	265	238
" " " 14		8	356	356	291	82	508	473
" " " 15		10	380	371	315	84	550	510
" " " 16		7	260	264	203	77	402	390
" " " 17		8	285	286	234	82	404	391
" " " 18		6	193	196	170	87	296	263
" " " 19		4	159	160	132	83	247	235
" " " 20		21	850	810	670	84	1,117	1,044
" " " 21		8	353	332	262	79	504	458
" " " 22		9	342	324	274	85	452	419
" " " 23		9	380	360	308	86	527	495
" " " 24		8	309	324	278	86	692	675
" " " 25		7	271	268	226	84	375	356
" " " 26		7	241	239	199	83	341	311
" " " 27		10	346	381	315	83	524	496
" " " 28		8	296	307	271	88	414	386
" " " 29		5	189	191	163	86	280	272
" " " 30		14	565	572	454	79	854	787
" " " 31		6	176	186	148	79	273	242
" " " 32		8	279	289	248	83	431	387
" " " 33		9	338	378	327	86	573	514
" " " 34		3	130	126	105	84	149	51
" " " 35		6	205	200	164	82	442	316
" " " 36		4	157	122	99	81	199	165
" " " 37		5	173	167	123	74	257	232
" " " 38		7	261	270	224	83	362	77
Totals		300	11,288	11,279	9,381	83	16,798	15,234

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Female Primary No. 1	.....	8	302	302	232	77	477	428
" " " 2	.....	7	254	261	216	83	420	414
" " " 3	.....	9	434	406	315	77	589	563
" " " 4	.....	7	264	249	204	82	363	348
" " " 5	.....	12	458	459	360	79	661	615
" " " 6	.....	11	424	419	354	84	570	554
" " " 7	.....	6	224	228	176	78	350	321
" " " 8	.....	5	205	213	160	74	310	297
" " " 10	.....	6	213	215	166	77	311	300
" " " 11	.....	14	588	555	442	79	817	777
" " " 12	.....	9	360	364	307	84	515	494
" " " 13	.....	5	188	186	145	79	261	241
" " " 14	.....	7	286	301	247	83	422	406
" " " 15	.....	9	369	352	282	80	521	479
" " " 16	.....	6	231	211	162	77	351	331
" " " 17	.....	8	290	298	235	79	416	393
" " " 18	.....	6	223	225	185	82	320	293
" " " 19	.....	3	129	126	112	89	178	166
" " " 20	.....	17	697	681	552	81	1,003	936
" " " 21	.....	8	294	295	238	81	439	419
" " " 22	.....	9	336	328	260	80	463	430
" " " 23	.....	9	339	340	281	83	495	459
" " " 24	.....	8	312	351	285	82	734	723
" " " 25	.....	7	275	293	230	79	407	396
" " " 26	.....	6	197	203	173	85	279	268
" " " 27	.....	10	371	383	316	83	539	515
" " " 28	.....	8	290	302	269	89	410	397
" " " 29	.....	5	187	166	144	87	269	246
" " " 30	.....	12	517	518	406	78	765	708
" " " 31	.....	6	205	205	170	83	299	275
" " " 32	.....	7	263	264	220	83	404	380
" " " 33	.....	8	307	344	292	85	516	460
" " " 34	.....	3	132	192	149	78	306	278
" " " 35	.....	5	188	188	171	90	188	10
" " " 36	.....	4	141	135	100	74	196	161
" " " 37	.....	5	157	153	105	69	227	210
" " " 38	.....	7	263	267	205	77	357	71
Totals	.....	282	10,913	10,818	8,866	81	16,148	14,962

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
High & Gram. Col. No. 1.	2	16	745	660	570	87	1,002	778
Grammar " " 2.	2	4	233	201	168	84	319	220
" " " 3.	1	6	228	203	180	89	337	220
Male Colored No. 1....	1	5	230	217	154	71	334	328
" " " 2 ...	1	6	262	262	196	75	357	346
" " " 3....	2	8	401	381	331	87	512	507
" " " 4....	2	8	451	419	320	76	620	599
" " " 5....	1	3	151	132	100	76	194	192
" " " 6....	2	4	250	239	184	77	343	337
" " " 7....	2	9	428	386	320	83	587	576
" " " 8....	1	7	316	287	227	80	415	407
" " " 9....	7	5	611	558	451	81	829	815
Female " " 1....	.....	9	439	415	301	73	617	601
" " " 2....	.....	7	281	269	189	70	354	348
" " " 3....	.....	11	446	438	346	78	596	590
" " " 4....	.....	10	375	404	285	71	529	518
" " " 5....	.....	5	174	175	119	68	238	236
" " " 6....	.....	6	239	240	170	71	358	353
" " " 7....	.....	16	675	601	481	80	907	891
" " " 8....	.....	10	343	330	250	76	476	469
" " " 9....	.....	12	629	586	453	83	865	839
Totals.....	24	167	7,907	7,403	5,795	78	10,783	10,170

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Annex No. 1	.....	7	261	253	203	80	337	330
" " 2	2	19	925	861	722	84	1,135	1,037
" " 3, Male	1	5	210	190	165	87	293	222
" " 3, Female	.....	7	253	227	180	79	349	247
" " 4	.....	10	403	398	321	81	682	655
" " 5	.....	7	276	281	223	80	409	388
" " 6	1	7	316	316	272	87	488	366
" " 7	1	9	351	360	284	79	516	486
" " 8	1	16	759	676	551	82	1,040	904
" " 9	1	6	271	261	192	74	350	334
" " 10	1	3	136	127	107	84	176	141
" " 11	1	11	518	493	415	84	692	627
" " 13	.....	17	760	692	525	77	940	868
" " 14	1	3	127	102	88	88	133	129
" " 15	1	4	207	165	135	82	273	216
" " 16, Male	.....	8	318	287	251	87	431	400
" " 16, Female	.....	7	312	293	240	82	449	418
" " 17	.....	5	218	196	152	78	281	258
" " 18	1	6	261	250	221	90	287	45
" " 19	.....	3	147	144	121	84	150	21
" " 1, Colored	.....	4	137	129	101	78	199	197
" " 2, "	1	1	72	59	40	68	96	93
" " 3, "	.....	3	95	95	56	59	161	161
" " 4, "	2	4	218	200	145	73	301	295
Totals	15	172	7,551	7,055	5,710	81	10,168	8,838

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE A—Continued.

NIGHT SCHOOLS.	TEACHERS.		NUMBER OF PUPILS.					
	Males.	Females.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During Year.	In School During the Year, Excluding Duplicate Enrollment.
Male Polish	2	.....	23	63	39	62	112	112
Female Polish	2	1	116	116	47	40	188	188
*Bohemian	.....	.....	.....	.....	.....	.....	.....	.....
No. 1	1	.....	26	51	28	55	103	103
" 2	4	2	184	145	85	59	326	326
" 5	1	.....	30	31	11	36	48	48
" 8	1	.....	42	53	11	21	94	94
" 11	1	1	51	62	10	16	73	73
" 12	5	.....	90	127	83	66	185	185
" 17	2	3	107	148	92	62	259	259
Colored, No. 1	2	1	112	263	122	47	503	503
" " 3	3	3	194	224	105	47	402	402
" " 4	1	.....	170	156	22	14	170	170
Annex, No. 7	1	1	41	99	34	34	169	169
Polytechnic Institute	16	....	411	269	191	71	759	759
Totals	....	.....	.....	.....	.....	.....	.....	.....

* No report.

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.—TABLE A—Concluded.—RECAPITULATION.

SCHOOLS.	Number of Schools, December, 1895.	NUMBER OF TEACHERS.				NUMBER OF PUPILS.					
		Males, December, 1895.	Females, December, 1895.	Totals, December, 1895.	Average for the Year.	On Roll December, 1895.	Average Roll for the Year.	Average Attendance for the Year.	Percentage of Attendance.	Whole Number in School During the Year.	In School During Year, excluding Duplicate Enrollment.
Baltimore City College	1	16	.....	16	16	663	620	570	94	952	660
Eastern Female High School	1	1	12	13	13	452	436	399	92	606	456
Western Female High School	1	1	14	15	14	632	571	522	91	915	617
Polytechnic Institute	1	21	.....	21	20	522	505	477	94	872	800
Colored Manual Training	1	6	.....	6	6	79	85	70	83	127	101
Male Grammar	21	37	145	182	178	7,001	6,664	5,946	90	9,843	7,509
Female Grammar	20	.....	195	195	189	7,483	7,227	6,211	86	10,456	8,169
English-German	7	19	153	172	164	6,780	6,513	5,843	90	8,694	8,094
Male Primary	37	.....	300	300	289	11,288	11,279	9,381	83	16,798	15,234
Female Primary	37	.....	282	282	282	10,913	10,818	8,866	81	16,148	14,962
Colored	21	24	167	191	190	7,907	7,403	5,795	78	10,783	10,170
Annex	23	15	172	187	170	7,551	7,055	5,710	81	10,168	8,838
	171	140	1,440	1,580	1,531	61,271	59,176	49,790	85	86,362	75,610
Special: Music	.....	2	.....	2	2	.....	.....	.....	.....	.....	.....
Special: Drawing	.....	.....	13	13	13	.....	.....	.....	.....	.....	.....
Special: Sewing	.....	.....	19	19	19	.....	.....	.....	.....	.....	.....
Totals in day schools	171	142	1,472	1,614	1,565	61,271	59,176	49,790	85	86,362	75,610
*Night Schools	13	25	12	37	.....	1,186	1,548	699	45	2,631	2,631
Polytechnic, Night Classes	1	16	.....	16	.....	411	269	191	71	759	759
Totals	14	41	12	53	.....	1,597	1,817	890	49	3,390	3,390

* Bohemian Night School—No Report.

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE B.

DIFFERENT GRADES OF "SCHOOLS" COMPARED.

	1895.	1894.	Increase.	Decrease.
Number of pupils in B. C. C. and High Schools.	1,887	1,694	193	.....
" " " " Polytechnic Institute and Colored Manual Training School	601	641	.....	40
Number of pupils in Grammar Schools	14,484	14,178	306	.....
" " " " English-German Schools.	6,780	5,695	1,085	.....
" " " " Primary Schools	22,201	22,325	.....	124
" " " " Colored Schools	7,767	7,853	.....	86
" " " " Annex Schools	7,551	7,422	129	.....
Totals	61,271	598,08	1,713	250
Net increase in day schools			1,463	

TABLE BB.

DIFFERENT GRADES OF "CLASSES" COMPARED.

	1895.	1894.	Increase.	Decrease.
Number of pupils in Fifth Year Course of B.C.C.	67	31	36	.....
" " " " Fourth Year Course of B. C. C. and High Schools	243	208	35	.....
Number of pupils in Third Year Course of B.C.C., High Schools and Polytechnic Institute	425	323	102	.....
Number of pupils in Sec'd Year Course of B.C.C., High Schools and Polytechnic Institute	672	544	128	.....
Number of pupils in First Year Course of B.C.C., High Schools and Polytechnic Institute	1,023	936	87	.....
Number of pupils in Preparatory Course of Polytechnic Institute	58	429	.....	371
Number of pupils in Eighth Grade—Grammar.	1,365	1,343	22	.....
" " " " Seventh " "	2,338	2,204	134	.....
" " " " Sixth " "	3,834	3,563	271	.....
" " " " Fifth " "	5,566	5,360	206	.....
" " " " Fourth " "	7,427	7,105	322	.....
" " " " Third " Primary	8,992	8,205	787	.....
" " " " Second " "	11,127	11,093	34	.....
" " " " First " "	18,134	18,464	.....	330
Totals	61,271	59,808	2,164	701
Net increase in day schools			1,463	

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE C.

Showing the Number of Pupils and Teachers in the Public Schools on Roll at the Time of Making the Report Each Year, from the Year 1829, when the First Public School Was Opened, to the Year 1895, Inclusive.

This statement does not include Night Schools, Normal Classes, nor Floating Schools.

The figures for 1888, and subsequently, include the Annex Schools.

Date.	*Teachers.*	*Pupils.*	*Date.*	*Teachers.*	*Pupils.*
1829	3	269	1863	333	14,847
1830	5	402	1864	343	15,319
1831	5	627	1865	366	15,957
1832	5	640	1866	402	17,550
1833	5	544	1867	490	22,073
1834	8	859	1868	537	21,903
1835	8	747	1869	540	23,552
1836	8	814	1870	549	23,898
1837	8	659	1871	559	24,479
1838	8	675	1872	581	25,092
1839	16	1,126	1873	588	26,663
1840	22	1,834	1874	626	27,634
1841	27	2,331	1875	672	29,942
1842	28	2,464	1876	717	31,071
1843	30	2,669	1877	734	32,523
1844	38	3,366	1878	784	34,002
1845	52	4,313	1879	798	35,595
1846	65	5,087	1880	799	35,297
1847	90	6,439	1881	824	35,630
1848	100	6,696	1882	826	35,639
1849	110	6,763	1883	855	37,546
1850	119	7,093	1884	893	38,618
1851	138	8,011	1885	930	39,828
1852	175	9,081	1886	972	39,779
1853	186	9,447	1887	994	41,199
1854	207	9,717	1888	1,119	46,521
1855	217	10,588	1889	1,187	48,850
1856	238	11,441	1890	1,244	50,899
1857	245	11,269	1891	1,301	52,543
1858	256	11,587	1892	1,382	54,406
1859	267	11,750	1893	1,464	57,048
1860	284	13,186	1894	1,557	59,808
1861	295	13,424	1895	1,614	61,271
1862	311	13,888			

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF																TOTALS.
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	
Baltimore City College									17	76	209	161	118	55	22	5	663
Eastern Female High Sch'l									2	34	92	119	110	60	31	4	452
Western Female High Sch'l									5	63	151	188	153	50	19	3	632
Totals									24	173	452	468	381	165	72	12	1,747
Polytechnic Institute						1	6	29	65	142	132	82	39	15	7	4	522
Colored Manual Training								1	3	9	23	22	10	3	4	4	79
Totals						1	6	30	68	151	155	104	49	18	11	8	601
Male Grammar No. 1					7	35	51	81	81	59	24	12	3	1			354
" " " 2				1	18	64	91	94	108	63	23	4	1				467
" " " 3					4	20	35	42	32	14	2	1					150
" " " 4					11	42	57	76	72	43	19	5					325
" " " 5				1	8	42	47	48	54	37	19	4					260
" " " 6					26	52	69	60	71	65	23	10	4				380
" " " 7					23	60	70	93	58	50	15	4	1				374
" " " 8				2	22	51	62	101	83	75	31	6	1				434
" G. & P. " 9			11	5	14	15	6	19	20	12	13	3	1	1		1	122
" Grammar " 10						11	34	52	99	89	51	29	8	1			374
" " " 11				14		15	41	55	67	55	39	14					300
" " " 12				2		17	49	66	90	72	41	14	5				356
" " " 13					2	14	29	42	39	20	12	4					162
" " " 15				2		12	54	80	104	69	71	28	4	1			425
" " " 16	12	52	53	27		49	48	40	45	23	15	4	1	1			370
" " " 17				2		24	32	65	61	59	43	12	7				305
" " " 18				1		14	40	48	47	56	44	20	10				280
" " " 19				1		18	48	80	65	78	63	23	5	2			383
" " " 20						12	60	115	128	119	87	39	8				568
" " " 21						15	34	70	72	90	62	26	10	3			382
" " " 22						12	20	36	48	45	44	18	7				230
Totals	12	63	58	67	335	846	1,237	1,483	1,365	999	398	116	19	1	1	1	7,001

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.—TABLE D—Continued.

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF															TOTALS.
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	
Female Grammar No. 1	...	...	...	1	3	30	54	63	78	60	37	17	.....	.....	.....	.....	343
" " " 2	...	...	...	1	23	53	90	110	84	51	25	4	.....	.....	.....	.....	441
" " " 3	...	...	...	3	8	20	23	27	33	13	5	.....	.....	.....	.....	.....	132
" " " 4	...	...	...	2	19	26	75	73	51	36	20	1	.....	.....	.....	.....	303
" " " 5	...	...	...	...	11	29	57	66	54	43	10	2	.....	.....	.....	.....	272
" " " 6	...	...	...	...	21	45	67	84	88	73	35	26	4	.....	.....	.....	443
" " " 7	...	...	...	3	24	52	86	115	58	40	21	4	.....	.....	.....	.....	403
" " " 8	...	...	...	7	24	62	85	105	78	53	11	13	1	.....	.....	.....	439
" G. & P. " 9	5	7	6	15	15	23	20	19	11	15	2	2	.....	.....	.....	.....	140
" Grammar " 10	...	...	...	...	5	32	75	89	97	46	17	3	.....	1	.....	.....	365
" " " 11	...	...	...	3	14	48	85	103	72	45	24	7	1	.....	.....	.....	402
" " " 12	...	...	...	...	11	57	57	67	88	47	24	6	.....	.....	.....	.....	357
" " " 13	...	...	...	...	13	37	59	58	64	32	20	2	2	.....	.....	.....	287
" " " 15	...	...	...	1	24	59	94	113	111	104	60	23	10	.....	.....	.....	599
" " " 16	...	79	47	60	56	61	38	22	26	7	3	.....	.....	.....	.....	.....	399
" " " 17	...	...	...	...	15	38	68	66	45	27	13	3	.....	.....	.....	.....	275
" " " 18	...	...	...	...	11	32	43	68	56	64	55	18	3	1	.....	.....	351
" " " 19	...	...	...	2	14	37	57	95	97	74	48	19	6	.....	.....	.....	449
" " " 20	...	...	...	1	29	75	130	127	120	99	57	17	1	.....	.....	.....	656
" " " 21	...	...	...	...	2	11	61	97	105	85	49	15	2	.....	.....	.....	427
Totals	5	86	53	99	342	827	1,324	1,567	1,416	1,014	536	182	30	2	.....	.....	7,483
English-German No. 1	3	47	42	50	62	42	55	61	45	41	10	4	1	.....	.....	.....	463
" " " 2	...	115	154	149	123	163	135	83	46	15	8	.....	.....	.....	.....	.....	991
" " " 3	32	144	188	222	206	246	202	201	115	58	24	10	.....	.....	.....	.....	1,648
" " " 4	19	148	174	176	201	197	152	160	102	49	10	.....	.....	.....	.....	.....	1,388
" " " 5	10	108	156	162	157	132	129	110	88	41	10	3	.....	.....	.....	.....	1,106
" " " 6	15	135	121	135	138	143	95	82	50	18	5	.....	1	.....	.....	.....	938
" " " 7	10	40	34	33	28	29	35	23	8	5	.....	1	.....	.....	.....	.....	246
Totals	89	737	869	927	915	952	803	720	454	227	67	18	2	.....	.....	.....	6,780

SCHOOLS.			NUMBER OF PUPILS BETWEEN THE AGES OF															TOTALS.
			5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	
Male	Primary	No. 1	1	33	48	47	50	40	19	18	4	5	.....	.....	.....	.....	.....	.....	265
"	"	" 2	1	39	30	43	37	26	29	6	3	2	.....	.....	.....	.....	.....	.....	216
"	"	" 3	...	48	54	73	76	73	40	18	15	4	1	.....	.....	.....	.....	.....	402
"	"	" 4	4	58	83	19	43	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	211
"	"	" 5	10	59	58	100	75	82	38	17	3	.....	.....	.....	.....	.....	.....	.....	442
"	"	" 6	14	72	111	78	65	58	18	8	4	1	.....	.....	.....	.....	.....	.....	429
"	"	" 7	13	30	30	67	37	28	23	9	6	1	.....	.....	.....	.....	.....	.....	244
"	"	" 8	13	32	41	34	25	29	17	11	10	3	.....	.....	.....	.....	.....	.....	215
"	"	" 10	7	18	25	41	27	27	9	18	6	1	.....	.....	.....	.....	.....	.....	179
"	"	" 11	13	99	130	133	99	77	38	17	9	7	.....	.....	.....	.....	.....	.....	622
"	"	" 12	5	59	67	70	75	61	23	18	4	1	.....	.....	.....	.....	.....	.....	383
"	"	" 13	4	24	23	38	35	24	18	10	8	2	.....	.....	.....	.....	.....	.....	186
"	"	" 14	20	60	82	66	70	41	14	1	1	1	.....	.....	.....	.....	.....	.....	356
"	"	" 15	3	57	76	75	63	53	29	10	9	4	1	.....	.....	.....	.....	.....	380
"	"	" 16	3	42	42	48	44	33	25	17	3	3	.....	.....	.....	.....	.....	.....	260
"	"	" 17	9	39	50	45	52	32	19	28	9	2	.....	.....	.....	.....	.....	.....	285
"	"	" 18	9	36	33	44	29	22	11	6	3	.....	.....	.....	.....	.....	.....	.....	193
"	"	" 19	2	21	20	33	25	35	10	9	2	2	.....	.....	.....	.....	.....	.....	159
"	"	" 20	30	134	161	162	140	90	64	44	19	4	2	.....	.....	.....	.....	.....	850
"	"	" 21	10	37	68	68	60	49	35	17	8	1	.....	.....	.....	.....	.....	.....	353
"	"	" 22	5	42	61	67	46	55	28	23	9	6	.....	.....	.....	.....	.....	.....	342
"	"	" 23	6	60	55	78	68	57	40	13	1	2	.....	.....	.....	.....	.....	.....	380
"	"	" 24	5	36	35	44	62	61	36	19	10	1	.....	.....	.....	.....	.....	.....	309
"	"	" 25	5	34	35	44	58	44	29	16	5	1	.....	.....	.....	.....	.....	.....	271
"	"	" 26	15	32	38	57	37	25	18	12	5	2	.....	.....	.....	.....	.....	.....	241
"	"	" 27	10	53	65	84	50	40	29	9	6	.....	.....	.....	.....	.....	.....	.....	346
"	"	" 28	3	43	51	61	47	42	22	15	7	5	.....	.....	.....	.....	.....	.....	296
"	"	" 29	15	35	27	28	37	23	16	6	2	.....	.....	.....	.....	.....	.....	.....	189
"	"	" 30	3	82	90	117	98	76	58	24	11	6	.....	.....	.....	.....	.....	.....	565
"	"	" 31	1	25	32	38	33	17	14	11	5	.....	.....	.....	.....	.....	.....	.....	176
"	"	" 32	12	67	52	40	47	34	15	5	5	2	.....	.....	.....	.....	.....	.....	279
"	"	" 33	8	68	54	62	53	47	21	18	6	1	.....	.....	.....	.....	.....	.....	338
"	"	" 34	1	14	25	22	34	16	9	5	3	1	.....	.....	.....	.....	.....	.....	130
"	"	" 35	...	19	36	36	39	27	22	17	5	4	.....	.....	.....	.....	.....	.....	205
"	"	" 36	15	34	27	34	18	13	10	4	.....	1	1	.....	.....	.....	.....	.....	157
"	"	" 37	4	21	31	31	26	18	22	12	6	2	.....	.....	.....	.....	.....	.....	173
"	"	" 38	11	36	64	53	46	20	16	9	6	.....	.....	.....	.....	.....	.....	.....	261
Totals.....			290	1,698	2,010	2,180	1,926	1,497	885	501	218	78	5	.....	.....	.....	.....	.....	11,288

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.—TABLE D—Continued.

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF															TOTALS.
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	
Fem. Primary No. 1.	5	35	49	63	52	42	32	15	7	1	1	.....	.....	.....	.....	.....	302
" " " 2.	33	39	36	55	40	29	19	2	1	.....	.....	.....	.....	.....	.....	.....	254
" " " 3.	30	91	77	73	73	45	25	16	3	1	.....	.....	.....	.....	.....	.....	434
" " " 4.	12	34	57	46	52	33	18	7	5	.....	.....	.....	.....	.....	.....	.....	264
" " " 5.	14	68	90	92	70	68	32	23	1	.....	.....	.....	.....	.....	.....	.....	458
" " " 6.	6	76	92	76	75	56	24	17	2	.....	.....	.....	.....	.....	.....	.....	424
" " " 7.	4	40	45	43	37	32	12	8	2	1	.....	.....	.....	.....	.....	.....	224
" " " 8.	8	26	36	43	44	25	17	5	.....	1	.....	.....	.....	.....	.....	.....	205
" " " 10.	10	39	38	34	35	29	13	11	2	1	1	.....	.....	.....	.....	.....	213
" " " 11.	6	135	151	125	92	48	19	8	4	.....	.....	.....	.....	.....	.....	.....	588
" " " 12.	...	56	66	99	61	47	22	9	.....	.....	.....	.....	.....	.....	.....	.....	360
" " " 13.	7	25	28	37	32	27	18	11	2	1	.....	.....	.....	.....	.....	.....	188
" " " 14.	9	31	69	72	51	38	12	3	1	.....	.....	.....	.....	.....	.....	.....	286
" " " 15.	8	53	75	91	62	45	18	13	2	1	1	.....	.....	.....	.....	.....	369
" " " 16.	8	43	51	54	30	25	7	10	3	.....	.....	.....	.....	.....	.....	.....	231
" " " 17.	9	41	54	54	53	40	17	13	8	1	.....	.....	.....	.....	.....	.....	290
" " " 18.	4	46	59	53	33	21	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	223
" " " 19.	1	9	17	27	25	27	13	7	3	.....	.....	.....	.....	.....	.....	.....	129
" " " 20.	16	102	146	143	122	86	45	24	6	4	2	1	.....	.....	.....	.....	697
" " " 21.	10	31	57	62	45	49	22	9	7	2	.....	.....	.....	.....	.....	.....	294
" " " 22.	2	39	55	72	55	59	32	15	7	.....	.....	.....	.....	.....	.....	.....	336
" " " 23.	26	53	57	75	64	35	22	4	2	1	.....	.....	.....	.....	.....	.....	339
" " " 24.	6	84	45	52	49	41	19	10	6	.....	.....	.....	.....	.....	.....	.....	312
" " " 25.	13	48	47	50	61	32	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	275
" " " 26.	5	37	26	50	35	29	9	4	1	1	.....	.....	.....	.....	.....	.....	197
" " " 27.	8	51	74	71	74	41	37	7	6	1	1	.....	.....	.....	.....	.....	371
" " " 28.	7	44	55	57	52	32	26	13	3	1	.....	.....	.....	.....	.....	.....	290
" " " 29.	8	39	33	33	26	26	15	4	2	1	.....	.....	.....	.....	.....	.....	187
" " " 30.	4	91	93	94	94	75	30	29	7	.....	.....	.....	.....	.....	.....	.....	517
" " " 31.	10	28	41	37	43	16	16	7	5	2	.....	.....	.....	.....	.....	.....	205
" " " 32.	4	33	66	54	57	17	17	10	5	.....	.....	.....	.....	.....	.....	.....	263
" " " 33.	3	41	51	64	59	42	21	16	8	2	.....	.....	.....	.....	.....	.....	307
" " " 34.	1	18	27	24	22	20	11	5	3	1	.....	.....	.....	.....	.....	.....	132
" " " 35.	5	23	35	35	37	18	22	8	5	.....	.....	.....	.....	.....	.....	.....	188
" " " 36.	6	24	24	17	33	22	10	3	1	1	.....	.....	.....	.....	.....	.....	141
" " " 37.	6	42	26	25	26	13	12	4	1	2	.....	.....	.....	.....	.....	.....	157
" " " 38.	17	38	37	48	53	28	23	17	2	.....	.....	.....	.....	.....	.....	.....	263
Totals	331	1,753	2,085	2,200	1,924	1,358	738	367	123	27	6	1	.....	.....	.....	.....	10,913

TABLE D—Continued.

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF																TOTALS.
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	
High & Gram. Col'd No. 1						11	34	66	127	136	142	100	65	47	9	8	745
Grammar Colored No. 2					1	1	20	29	48	65	43	25	1				233
" " " 3					1	2	13	27	46	53	53	28	3		2		228
Male Colored No. 1		12	26	25	26	28	25	30	28	16	11	3					230
" " " 2		18	25	27	36	51	41	26	19	13	4	1	1				262
" " " 3	4	26	33	43	57	62	55	56	34	20	8	3					401
" " " 4		31	54	60	70	65	54	51	37	20	8	1					451
" " " 5	3	13	19	22	22	20	22	10	8	8	4						151
" " " 6		17	29	36	37	38	26	28	20	11	8						250
" " " 7	3	30	54	69	47	52	46	59	38	19	8	2		1			428
" " " 8	5	20	41	36	43	48	32	35	43	8	4	1					316
" " " 9	6	36	44	70	77	92	75	76	61	40	25	8	1				611
Female " " 1	4	14	36	32	35	68	50	65	60	47	17	8	2			1	439
" " " 2		15	32	60	32	38	36	29	20	15	3	1					281
" " " 3		32	43	54	60	75	60	46	48	21	5	2					446
" " " 4		34	51	53	62	55	56	30	21	9	4						375
" " " 5	7	11	18	19	31	31	25	13	15	2	1	1					174
" " " 6	1	22	35	28	23	31	28	45	13	9	3	1					239
" " " 7	1	52	91	82	94	107	82	74	43	33	11	3	2				675
" " " 8	2	31	61	31	48	49	51	32	23	12	1	2					343
" " " 9	6	66	82	75	90	84	71	70	47	26	10	2					629
Totals	42	480	774	822	892	1,008	902	897	799	583	373	192	75	48	11	9	7,907

TABLE D—Continued.

Schools.	Number of Pupils Between the Ages of															Totals.
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	
Annex No. 1	12	34	28	26	29	39	35	21	16	17	3	1					261
" " 2	11	62	94	93	112	103	103	113	104	56	49	15	10				925
" " 3, Male					10	16	29	48	37	36	23	7	4				210
" " 3, Female					4	33	50	50	47	31	36	2					253
" " 4	11	73	78	83	58	48	27	14	7	3	1						403
" " 5	9	40	47	68	49	33	16	9	2	2	1						276
" " 6					6	21	46	62	76	59	32	12	2				316
" " 7	4	33	40	38	45	55	44	34	28	17	8	4		1			351
" " 8	11	73	80	98	104	99	88	87	59	32	22	6					759
" " 9		13	33	35	34	27	42	28	31	19	6	3					271
" " 10					1	16	24	35	25	26	6	3					136
" " 11	4	55	75	67	59	70	58	42	49	29	8	2					518
" " 13	14	82	88	102	104	105	106	69	51	27	9	2	1				760
" " 14		22	20	16	10	11	7	9	8	17	5	2					127
" " 15	3	12	25	32	24	19	27	20	22	12	9	2					207
" " 16, Male	2	48	58	57	57	51	24	10	7	2	1	1					318
" " 16, Female	2	47	55	69	52	42	21	14	4	3	2			1			312
" " 17	7	28	49	52	37	28	9	3	4	1							218
" " 18	4	12	16	10	14	26	36	45	51	28	14	5					261
" " 19	5	16	5	21	20	29	16	21	11	2	1						147
" " 1, Colored	10	18	21	13	17	16	15	12	8	4	2	1					137
" " 2, "	5	8	9	7	8	8	7	11	4	3	2						72
" " 3, "	1	5	8	12	13	13	7	9	16	10		1					95
" " 4, "	12	15	8	26	38	24	23	19	16	22	10	5					218
Totals	127	696	837	925	905	932	860	785	683	458	250	74	17	2			7,551

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE D—Concluded.

RECAPITULATION.

SCHOOLS.	NUMBER OF PUPILS BETWEEN THE AGES OF																TOTALS.
	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	
College and High									24	173	452	468	381	165	72	12	1,747
Polytechnic and Col-ored Man'l Train'g						1	6	30	68	151	155	104	49	18	11	8	601
Male Grammar	12	63	58	67	335	846	1,237	1,483	1,365	999	398	116	19	1	1	1	7,001
Female Grammar	5	86	53	99	342	827	1,324	1,567	1,416	1,014	536	182	30	2			7,483
English-German	89	737	869	927	915	952	803	720	454	227	67	18	2				6,780
Male Primary	290	1,698	2,010	2,180	1,926	1,497	885	501	218	78	5						11,288
Female Primary	331	1,753	2,085	2,200	1,924	1,358	738	367	123	27	6	1					10,913
Colored	42	480	774	822	892	1,008	902	897	799	583	373	192	75	48	11	9	7,907
Annex	127	696	837	925	905	932	860	785	683	458	250	74	17	2			7,551
Totals	896	5,513	6,686	7,220	7,239	7,421	6,755	6,350	5,150	3,710	2,242	1,155	573	236	95	30	61,271

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE E.

STATEMENT SHOWING THE NUMBER OF PUPILS IN EACH GRADE.

SCHOOLS. COLLEGE, HIGH AND POLYTECHNIC.	FIFTH YEAR.	FOURTH YEAR		THIRD YEAR.		SECOND YEAR.		FIRST YEAR.		PREPARATORY.	TOTALS.	
	Males.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Males.	Females.
Baltimore City College	39	43	.....	109	.....	167	.....	305	.....	.....	663	.....
Eastern Female High	.....	.....	80	.....	81	.....	142	.....	149	.....	.....	452
Western Female High	.....	.....	52	.....	83	.....	167	.....	330	.....	.....	632
Polytechnic	28	48	.....	127	.....	168	.....	151	.....	.....	522	.....
Manual Training, Colored	.....	.....	.....	5	.....	6	.....	10	.....	58	79	.....
High and Grammar Colored No. 1	.....	6	14	5	15	5	17	20	58	.....	36	104
Totals	67	97	146	246	179	346	326	486	537	58	1,300	1,188

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE E—Continued.

GRAMMAR SCHOOLS.	Eighth Grade.	Seventh Grade.	Sixth Grade.	Fifth Grade.	Fourth Grade.	TOTALS.
Male No. 1	43	56	57	98	100	354
" " 2	28	67	97	126	149	467
" " 3	....	10	28	40	72	150
" " 4	27	35	56	95	112	325
" " 5	17	28	49	70	96	260
" " 6	37	45	60	117	121	380
" " 7	11	26	54	135	148	374
" " 8	26	48	75	143	142	434
" " 10	18	36	55	99	166	374
" " 11	16	37	48	70	129	300
" " 12	13	33	63	84	163	356
" " 13	13	29	28	39	53	162
" " 15	30	32	106	96	161	425
" " 17	16	36	56	80	117	305
" " 18	26	36	43	83	92	280
" " 19	45	54	77	98	109	383
" " 20	37	71	114	155	191	568
" " 21	35	38	63	101	145	382
Totals	438	717	1,129	1,729	2,266	6,279
Female No. 1	27	46	74	101	95	343
" " 2	28	39	79	112	183	441
" " 3	8	10	34	34	46	132
" " 4	20	32	46	88	117	303
" " 5	20	36	65	55	96	272
" " 6	50	76	114	86	117	443
" " 7	15	34	64	120	170	403
" " 8	33	49	97	128	132	439
" " 10	16	41	49	114	145	365
" " 11	27	37	104	113	121	402
" " 12	12	28	44	101	172	357
" " 13	21	47	52	68	99	287
" " 15	69	111	105	146	168	599
" " 17	17	19	46	73	120	275
" " 18	25	71	88	78	89	351
" " 19	60	82	95	107	105	449
" " 20	66	93	128	168	201	656
" " 21	39	74	97	91	126	427
Totals	553	925	1,381	1,783	2,302	6,944

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE E—Continued.

PRIMARY SCHOOLS.	Third Year.	Second Year.	First Year.	TOTALS.	PRIMARY SCHOOLS.	Third Year.	Second Year.	First Year.	TOTALS.
Male No. 1..	90	70	105	265	Female No. 1..	98	85	119	302
" " 2..	38	48	130	216	" " 2..	29	29	196	254
" " 3..	79	115	208	402	" " 3..	90	105	239	434
" " 4..	52	74	85	211	" " 4..	66	74	124	264
" " 5..	115	119	208	442	" " 5..	124	106	228	458
" " 6..	100	100	229	429	" " 6..	89	120	215	424
" " 7..	43	85	116	244	" " 7..	56	64	104	224
" " 8..	33	52	130	215	" " 8..	57	70	78	205
" " 10..	48	67	64	179	" " 10..	52	68	93	213
" " 11..	120	184	318	622	" " 11..	135	195	258	588
" " 12..	92	108	183	383	" " 12..	80	94	186	360
" " 13..	41	44	101	186	" " 13..	37	54	97	188
" " 14..	106	112	138	356	" " 14..	85	96	105	286
" " 15..	119	136	125	380	" " 15..	128	113	128	369
" " 16..	57	67	136	260	" " 16..	58	65	108	231
" " 17..	91	69	125	285	" " 17..	68	83	139	290
" " 18..	54	53	86	193	" " 18..	60	70	93	223
" " 19..	66	39	54	159	" " 19..	40	54	35	129
" " 20..	182	221	447	850	" " 20..	192	209	296	697
" " 21..	82	99	172	353	" " 21..	64	92	138	294
" " 22..	88	97	157	342	" " 22..	78	126	132	336
" " 23..	92	102	186	380	" " 23..	75	101	163	339
" " 24..	75	100	134	309	" " 24..	60	85	167	312
" " 25..	42	61	168	271	" " 25..	56	99	120	275
" " 26..	61	79	101	241	" " 26..	45	49	103	197
" " 27..	77	79	190	346	" " 27..	83	94	194	371
" " 28..	77	103	116	296	" " 28..	50	79	161	290
" " 29..	46	55	88	189	" " 29..	40	57	90	187
" " 30..	158	182	225	565	" " 30..	154	157	206	517
" " 31..	63	60	53	176	" " 31..	47	59	99	205
" " 32..	85	91	103	279	" " 32..	77	98	88	263
" " 33..	74	115	149	338	" " 33..	73	99	135	307
" " 34..	26	46	58	130	" " 34..	22	58	52	132
" " 35..	49	51	105	205	" " 35..	37	44	107	188
" " 36..	34	41	82	157	" " 36..	34	38	69	141
" " 37..	28	61	84	173	" " 37..	23	38	96	157
" " 38..	35	68	158	261	" " 38..	58	88	117	263
Totals.....	2,718	3,253	5,317	11,288	Totals	2,620	3,215	5,078	10,913

MIXED SCHOOLS.	8th grade		7th grade		6th grade		5th grade		4th grade		3d grade		2d grade		1st grade		TOTALS.	
	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.
Male Gram. & Prim. No. 9			13		12		15		33		14		17		18		122	
Fem. " " " " 9				14		9		18		26		16		30		27		140
Male Grammar No. 16			6		9		25		38		54		95		143		370	
Female " " 16				5		10		18		41		85		95		145		399
Grammar " 22	11	8	15	10	28	28	36	29	45	20							135	95
English-German " 1	11	5	7	15	23	22	29	31	37	24	38	35	40	47	49	50	234	229
" " " 2	4	7	10	3	14	15	35	28	69	58	94	94	104	93	201	162	531	460
" " " 3	13	10	31	25	48	45	76	67	120	101	137	144	183	156	250	242	858	790
" " " 4	6	13	29	19	41	43	77	59	111	94	129	117	145	147	178	180	716	672
" " " 5	15	14	16	18	44	37	51	64	76	80	90	97	106	91	165	142	563	543
" " " 6	2	3	5	1	23	19	32	35	55	44	75	71	114	83	182	194	488	450
" " " 7	1	1	1	2	4	7	10	10	15	19	16	17	30	20	47	46	124	122
High & Gram. Col. No. 1	10	37	30	56	60	119	118	175									218	387
Grammar Colored " 2	2	11	7	23	20	45	61	64									90	143
" " " 3	5	13	6	22	24	26	58	74									93	135
Male Colored No. 1									37		46		47		100		230	
" " " 2									38		48		58		118		262	
" " " 3									45		81		84		191		401	
" " " 4									71		103		122		155		451	
" " " 5									13		27		32		79		151	
" " " 6									28		63		42		117		250	
" " " 7									25		67		91		245		428	
" " " 8									42		52		83		139		316	
" " " 9									39		120		169		283		611	
Female " " 1										72		100		104		163		439
" " " 2										30		34		110		107		281
" " " 3										57		68		91		230		446
" " " 4										31		61		82		201		375
" " " 5										19		38		48		69		174
" " " 6										21		26		39		153		239
" " " 7										70		97		169		339		675
" " " 8										39		42		74		188		343
" " " 9										52		116		170		291		629
Totals	80	122	176	213	350	425	623	672	937	898	1,254	1,258	1,562	1,649	2,660	2,929	7,642	8,166

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.—TABLE E—Continued.

ANNEX SCHOOLS.	8th grade		7th grade.		6th grade.		5th grade.		4th grade.		3d grade.		2d grade.		1st grade.		TOTALS.	
	Males	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem.	Males.	Fem	Males.	Fem	Males.	Fem.	Males.	Fem.
Annex No. 1	....	....	....	....	8	18	9	19	9	12	25	24	45	37	25	30	121	140
" " 2	24	25	29	25	43	52	47	55	79	72	73	72	52	66	103	108	450	475
" " 3, Male	15	....	35	....	46	....	57	....	57	....	....	....	....	....	....	....	210	....
" " 3, Fem	....	9	....	32	....	37	....	66	....	109	....	....	....	....	....	....	....	253
" " 4	....	....	....	....	....	....	....	....	....	....	53	49	65	54	83	99	201	202
" " 5	....	....	....	....	....	....	....	....	....	....	32	31	49	33	78	53	159	117
" " 6	5	2	3	18	29	45	45	55	48	66	....	....	....	....	....	....	130	186
" " 7	2	5	9	6	16	17	16	16	28	21	30	18	38	38	44	47	183	168
" " 8	4	12	10	17	22	18	43	37	45	49	63	69	83	88	106	93	376	383
" " 9	2	2	5	5	12	8	23	18	21	18	26	16	24	30	37	24	150	121
" " 10	6	6	9	12	16	14	16	19	23	15	....	....	....	....	....	....	70	66
" " 11	6	5	6	11	18	20	31	23	37	26	37	34	54	42	83	85	272	246
" " 13	3	4	3	4	13	16	24	34	60	44	55	73	73	90	144	120	375	385
" " 14	4	2	5	6	5	7	5	6	5	4	8	7	9	12	24	18	65	62
" " 15	2	4	11	7	11	3	10	9	12	17	22	16	20	19	21	23	109	98
" " 16, Male	....	....	....	....	....	....	....	....	....	....	65	....	103	....	150	....	318	....
" " 16, Fem	....	....	....	....	....	....	....	....	....	....	....	85	....	97	....	130	....	312
" " 17	....	....	....	....	....	....	....	....	....	....	20	24	26	34	56	58	102	116
" " 18	15	7	15	21	27	16	27	22	28	23	10	5	4	6	16	19	142	119
" " 19	....	....	....	....	....	....	....	....	30	30	11	14	15	3	26	18	82	65
" " 1 Col'd	....	....	....	....	....	....	4	1	9	4	9	12	14	13	38	33	74	63
" " 2 "	....	....	....	....	....	....	1	....	2	1	2	5	12	9	24	16	41	31
" " 3 "	....	....	....	....	....	....	3	4	4	6	8	3	18	9	20	20	53	42
" " 4 "	....	1	1	2	1	11	11	3	4	6	19	17	45	19	26	52	107	111
Totals, Males	88	....	141	....	267	....	372	....	501	....	568	....	749	....	1,104	....	3,790	....
" Females	....	84	....	166	....	282	....	387	....	523	....	574	....	699	....	1,046	....	3,761
M. G. Schools	438	....	717	....	1,129	....	1,729	....	2,266	....	....	....	....	....	....	....	6,279	....
F. G. "	....	553	....	925	....	1,381	....	1,783	....	2,302	....	....	....	....	....	....	....	6,944
M. P. "	....	....	....	....	....	....	....	....	....	....	2,718	....	3,253	....	5,317	....	11,288	....
F. P. "	....	....	....	....	....	....	....	....	....	....	....	2,620	....	3,215	....	5,078	....	10,913
Mixed "	80	122	176	213	350	425	623	672	937	898	1,254	1,258	1,562	1,649	2,666	2,929	7,642	8,166
Totals, Males	606	....	1,034	....	1,746	....	2,724	....	3,704	....	4,540	....	5,564	....	9,081	....	28,999	....
" Females	....	759	....	1,304	....	2,088	....	2,842	....	3,723	....	4,452	....	5,563	....	9,053	....	29,784

TABLES ACCOMPANYING THE SUPERINTENDENT'S REPORT.

TABLE E—Concluded.

RECAPITULATION.

	MALES.	FEMALES.	TOTALS.
Number in fifth year, High	67	.....	67
" in fourth year, High	97	146	243
" in third year, High and Polytechnic	246	179	425
" in second year, High and Polytechnic	346	326	672
" in first year, High and Polytechnic	486	537	1,023
" in preparatory department, Polytechnic	58	.....	58
Totals	1,300	1,188	2,488
Number in Grammar, eighth grade	606	759	1,365
" " " seventh grade	1,034	1,304	2,338
" " " sixth grade	1,746	2,088	3,834
" " " fifth grade	2,724	2,842	5,566
" " " fourth grade	3,704	3,723	7,427
Totals	9,814	10,716	20,530
Number in Primary, third grade	4,540	4,452	8,992
" " " second grade	5,564	5,563	11,127
" " " first grade	9,081	9,053	18,134
Totals	19,185	19,068	38,253
Number in High	1,300	1,188	2,488
" in Grammar	9,814	10,716	20,530
" in Primary	19,185	19,068	38,253
Aggregate	30,299	30,972	61,271

REPORT

OF THE

Assistant Superintendent of Public Instruction.

BALTIMORE, January 1, 1896.

Mr. Henry A. Wise, Superintendent of Public Instruction:

SIR.—I herewith submit my report of the primary schools for the year ending December 31, 1895:

There has been, in the number belonging to the primary schools proper, no increase over that of the preceding year. This was caused by a decrease of the rolls of first grade pupils. Several incidents, in my opinion, produced this result. First, the tendency of population to the annexed portions of the city; secondly, rapid transit systems in many cases enveloping our primary school buildings, and thirdly, the overcrowding of small children in rented buildings and unsuited and meagre-sized class-rooms in various parts of the city.

Business extension and lower rate of taxation in the two outlying wards are prompting the people to seek the annexed district as places of residence, and consequently the city schools proper are compelled to give to the Annex schools many of the children formerly attending the schools in the other twenty wards of the city.

Cable and electric lines of cars deter many parents from sending their small children to schools situated directly on streets occupied by car lines. Habit and custom will eventually remove this timidity on the part of parents, and this condition will not in the near future appear as a disturbing factor in the question of attendance in our public schools.

The third cause is more serious and perplexing, for the reason that those primarily responsible for it manifest the least concern about it. Expenditure of money, except for the gratification of local pride or local advantage, generally meets with adverse criticism and opposition. Each City

Councilman works for his ward rather than for public utility. For this reason it is difficult to enlist general attention upon matters of general interest. First year pupils should have the best and most complete accommodations for their school environment. Instead of this being the fact, they have the worst. There is no part of our system so meagrely provided for and so unjustly treated as our primary school children. Crowded into rooms of school buildings of improper size and tenement buildings entirely unsuited for school purposes, unhealthy, unseemly and frequently indecent in their surroundings, is it any wonder that the parents of these children hesitate about sending them to such schools? While this is being suffered, there is much expression of pride over the erection of new City College and high school buildings, the cost of which, if applied to our primary schools, would eradicate entirely the evils of their present conditions. Acting thus, are we not sapping and ruining the edifice of our public school system? Weaken the structure at its foundation and eventually it will fall. As a true friend of the secondary schools, I have always contended that the first consideration of the municipal government should be given to our elementary schools. Everything calculated to make them thorough, such as competent and well-trained teachers, commodious and well-ventilated buildings, clean and healthy surroundings, close and intelligent supervision, should first be provided for them. As the opposite view has now prevailed and the secondary schools have been amply provided for, I hope and trust that some positive financial legislation will be enacted to provide full and suitable accommodations for our primary schools.

I desire to confine this report to this very pertinent and important subject, and to make what I have said more emphatic, will now call your attention to the physical condition of some of our primary schools.

During the year past but one new school building, No. 35, has been provided by the city. New buildings for Nos. 4, 34 and 37 will be completed, and, I trust, ready for occupancy by the beginning of the next scholastic year. In addition to this, if new No. 9 colored building be completed by September 1, an additional primary school can be organized to occupy the building on Carrollton and Riggs avenues. This will afford accommodations for a number of pupils of Nos. 11 and 21, now using a rented building at the corner of Patterson avenue and Stricker street. The building now being

erected for No. 34, if proper arrangements be made, ought to relieve Nos. 12 and 22. Pupils residing west of No. 22 should be transferred to No. 34, and the overflow of pupils at No. 12 be transferred to No. 22. Should this arrangement be made, the rented buildings on Barre street and Columbia avenue, now occupied by Nos. 12 and 22, could be dispensed with. No. 33 is still overcrowded. The unfortunate location of No. 35 has in a great measure prevented the relief that No. 33 so much needed. In the latter building there are seventeen teachers and twelve rooms, containing 645 pupils. Many of these pupils, with the surplus teachers, could be transferred to Nos. 29 and 35, where there are good accommodations, and thereby relieve No. 33 of overcrowding.

No. 36 should at once be provided with a new building. This school, while occupying more comfortable quarters than any others now in rented buildings, cannot prosper in its present surroundings.

No. 2 should have a new building. The immediate neighborhood has recently become very populous and the building now occupied by this school will not accommodate the pupils applying for admission. In addition to this, the old structure is not now, in any respect, suited for public school purposes. It is badly ventilated, and the rooms are too small to accommodate ordinarily-sized classes.

Something should be done for No. 6 on Ann street. The pupils of that school, in the branch on Canton avenue, are wretchedly accommodated. With four classes, containing over 150 pupils in two rooms, poorly lighted and badly ventilated, the work of education, to say the least of it, is slow and very imperfectly performed. Property adjoining the main building should be purchased and the building enlarged or a new one erected in its place.

No. 8, on Caroline street, should be given up entirely to the use of the primary school. It is impossible for the primary school to grow while a great part of the building is occupied by classes of English-German No. 3.

New buildings should be erected for Nos. 10 and 17. Both are unhealthy, dark and badly ventilated.

Nos. 22, 23 and 26 are a standing disgrace to the city. The close proximity of the water closets of Nos. 23 and 26 is a menace to the health of teachers and children. Zymotic diseases are prevalent in the neighborhoods of these schools, and the causes can no doubt be traced to the conditions sur-

rounding these buildings. One of these buildings, No. 23, erected as late as 1886, occupies a lot 75x110 feet. The building covers 6,325 square feet, and deducting 325 feet occupied by water closets, only 10 feet from the building, there are left only 1,600 square feet of yard room for nearly 800 pupils, or only 2 square feet per pupil. Under these circumstances it is impossible to use the yard for recess purposes, and consequently the corridors and class-rooms must be utilized. In this respect No. 26 is just as bad. In both, the rooms are badly lighted and poorly ventilated. To me it is incomprehensible how such conditions can continue to exist. Attention to this has been called over and over again. May we not hope that the near future will bring brighter prospects and more comfortable conditions to the teachers, and particularly the children, of these schools.

No. 22 is in close proximity to the boiler works of Hayward & Bartlett. During times when repairing or constructing boilers is under way, it is impossible to pursue any class instruction in the school. Good discipline and fair educational work are out of the question under such conditions. The city should at once sell this property and provide for the school a better location and a new building.

No. 27 is still suffering for lack of suitable and healthy accommodations for the children belonging to that school. The attention of the authorities has been repeatedly called to the condition of this building, yet nothing has been done to remedy it. The basement should be at once abandoned, and the surplus number of children and teachers transferred to No. 13, or 36, in the immediate neighborhood.

New buildings should be supplied for Nos. 36 and 38 as soon as practicable. Canton is entitled to better grammar school facilities than it has at present. The lot now occupied by Female Primary No. 38 could be used for a twelve-room grammar school, and a new building erected for Primary No. 38 further to the south of its present location. This would relieve Grammar School No. 7, which is overcrowded, and at the same time give proper school facilities to a growing section of the city.

These recommendations are with reference only to the primary schools located within the old twenty wards of the city. The Annex and colored schools are being fairly well provided for at present. Such deficiencies as may exist with reference to them will no doubt be noticed by you. With few exceptions the educational work of the primary schools

is being well done. Some progress has been made during the past year on the part of the teachers in their efforts to reach a higher plane of intellectual attainments. Grade classes have been formed for the purpose of acquiring better methods of instruction and bringing into closer contact the new and untried teachers with those of riper experience. This is the only resource we have to take the place of a thoroughly equipped training school.

My association with the members and officers of the Board has been pleasant and agreeable. The kindness and consideration shown me by the teachers has made my daily task a veritable pleasure. I take the opportunity of expressing my thankfulness to all for aiding me in making my "records sweet with duties done."

JOHN E. McCAHAN,

Assistant Superintendent.

REPORT

OF THE

SUPERINTENDENT OF SUPPLIES.

BALTIMORE, December 31, 1895.

To the Board of Commissioners of Public Schools:

GENTLEMEN.—The undersigned respectfully submits the tenth annual report of this office:

During the year three new school buildings were completed—one for English-German School No. 6, on the corner of Ramsay and Smallwood streets (to take the place of the school formerly known as Annex School No. 12); one for Primary School No. 35, Hanover street, near Winder, and one for Colored School No. 10, corner Girard avenue and Sherman Place (to take the place of Colored Annex School No. 4).

English-German School No. 6 was fitted up with new furniture and was occupied on November 4, 1895. As the new building was not large enough to accommodate all the scholars belonging to the old school, one of the rented buildings was continued in service, after some repairs had been made, while the other rented building was relinquished.

Primary School No. 35 was furnished with new furniture and occupied on November 27, 1895. The rented building corner Light and Randall streets was repaired and discontinued.

Colored School No. 10 was furnished largely with renovated furniture and was ready for occupancy at the opening in January.

Some of the furniture for the new Western Female High School building was purchased out of the appropriation for 1895, and arrangements were made for promptly fitting up the house when accepted.

Two houses for the use of Primary School No. 4—one at No. 421 Sharp street, and the other at No. 600 Sharp street—were rented and fitted up for the use of those schools pending the erection of their new building. They were occupied at the opening in September.

On account of large increase of scholars rented quarters, as follows, were secured and fitted up: For Grammar School No. 7, four rooms in Carlton Academy; for Grammar School No. 8, the building on the northeast corner of Frederick avenue and Monroe street; for Male Colored School No. 8, the building at 824 North Bond street; for Female Colored School No. 9, the building on the northeast corner of Gold and Calhoun streets, in which six rooms were fitted up for the use of this school.

Primary Schools No. 36 were removed from the two buildings they formerly occupied to the building No. 2223 East Baltimore street, thus securing better accommodations.

The branch of Annex School No. 1 was removed to the corner of Harrison street and Gorsuch avenue to secure better accommodations nearer the main building.

Female Annex School No. 3 was removed to No. 118 West Twentieth street, the building formerly occupied being about to be torn down.

The large increase of scholars in Annex School No. 8 made it necessary to again occupy a portion of the old building on Clifton street, near Pennsylvania avenue.

Annex School No. 18 was established in a rented building on the corner of Park avenue and Lennox street, with a branch at the corner of Lennox and Robert streets (the latter being free of charge).

In nearly every instance old and renovated furniture was used in fitting up the rented buildings, but as the supply of this kind of furniture was not equal to the demand, it was necessary to use some new furniture. The usual whitewashing and kalsomining was done during the summer, the heating apparatus was repaired and the fuel stored. Little renovating was required, this work being done in previous years, so that the desks in all the schools are now in very fair condition.

The reduction in the amount appropriated by the Mayor and City Council for the year 1895 necessitated ordering less fuel for the schools than they required for the season. This will make the demand quite large early in the ensuing year.

The system adopted by the Board requiring all requests for furniture to be made in writing and approved by the Board has worked very well, and has relieved this office of much embarrassment.

In addition to five organs ordered by the Committee on Music, the following named articles of furniture have been purchased during the year: 270 No. 1 single high school desks, 40 No. 1 single high school rear seats, 344 No. 1 double desks, 801 No. 2 double desks, 420 No. 3 double desks, 45 No. 1 double rear seats, 135 No. 2 double rear seats, 58 No. 3 double rear seats, 15 settees, 23 principals' desks, 71 assistants' desks, 369 chairs, 13 large book cases, 108 small book cases, 190 slate boards, 5,380 square feet blackboards in wall, 9 wardrobes, 107 umbrella stands, 8 washstands and mirrows, 9 tables, 4 principals' platforms, 47 assistants' platforms, 8 clocks and 63 ash cans.

As usual, there will be found following this report an inventory of the furniture and heating apparatus now in the schools, with the value appraised upon two-thirds of the cost.

The thanks of this office are due and gladly extended to the members of the Board, the officers, the teachers, the other employees and to the Inspector of Buildings for their uniform kindness and courteous treatment.

Very respectfully,

C. W. KEIDEL.

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS, DECEMBER 31, 1895.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Baltimore City College	593	56	78	16	130	19	1	16	13	1	1	2	....	....	8	4	....	....	$6,850 00
East. Fem. High School	356	25	84	24	125	7	....	22	3	..	2	....	....	....	12	4	2	2	5,340 00
West. Fem. High School	418	32	159	15	115	14	7	32	2	1	1	....	....	....	9	5	1	1	4,715 00
Balto. Polytechnic Inst	256	46	....	12	954	14	....	wall	13	1	..	....	....	....	16	2	....	....	5,356 00
Col'd Man'l Train'g Sch'l.	109	12	....	11	67	8	6	25	1	1	..	1	....	....	1	....	15	22	900 00
Totals	1,732	171	321	78	1,391	62	14	95	32	4	4	3	....	....	46	15	18	25	$23,161 00
Male Grammar No. 1	459	64	....	10	36	2	6	34	2	1	..	1	1	1	1	6	1	2	$3,300 00
" " " 2	431	42	....	10	30	2	10	wall	2	1	..	2	6	1	1	Smead	1	1	2,190 00
" " " 3	107	20	2	7	19	1	10	18	1	1	..	2	2	1	1	6	1	1	1,700 00
" " " 4	177	29	2	8	28	1	7	28	1	1	..	2	1	1	2	....	8	16	1,300 00
" " " 5	172	26	....	7	18	3	6	20	2	1	..	1	2	1	1	....	8	14	1,200 00
" " " 6	250	44	....	12	24	1	9	24	1	1	..	1	6	1	....	5	3	4	2,650 00
" " " 7	227	38	....	9	24	2	10	25	1	1	..	1	2	1	1	5	1	2	2,220 00
" " " 8	246	51	2	10	44	3	15	wall	2	1	..	2	3	1	1	Smead	1	....	2,600 00
" G. & P. " 9	88	14	3	10	18	1	7	20	2	1	..	1	1	1	....	....	5	8	600 00
" Grammar No. 10	191	28	1	8	26	3	12	36	2	1	..	1	1	1	1	....	8	16	1,400 00
" " " 11	191	32	....	8	24	2	7	15	1	1	..	1	1	1	1	6	1	2	1,830 00
" " " 12	236	31	....	9	14	1	6	17	1	1	..	2	2	1	1	5	3	6	1,900 00
" " " 13	125	29	10	8	22	3	4	20	1	1	..	1	2	1	1	....	7	12	1,125 00
" " " 15	327	63	....	16	36	12	1	48	2	2	..	1	4	1	....	5	1	2	2,850 00
" " " 16	191	32	....	8	30	2	7	24	1	1	..	1	1	1	1	6	1	2	2,700 00
" " " 17	206	30	....	10	32	2	7	23	1	1	..	1	1	1	1	....	10	20	1,300 00
" " " 18	406	35	....	17	20	2	6	wall	1	1	..	1	2	1	1	Smead	1	1	2,560 00
" " " 19	376	32	....	8	38	2	8	wall	2	1	..	1	2	1	....	Smead	1	1	2,470 00
" " " 20	293	32	....	11	38	2	10	wall	1	1	..	1	6	1	1	Smead	1	1	2,860 00
" " " 21	251	40	....	10	36	2	8	26	2	1	..	2	1	1	1	....	13	24	1,650 00
M. & F. " " 22	179	28	3	8	19	2	4	23	1	1	..	1	2	1	1	4	2	3	1,700 00
Totals	5,129	740	23	204	576	51	160	401	30	22	..	27	49	21	18	48	78	138	$42,105 00

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS.—Continued.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black Boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Female Grammar No. 1..	248	40	38	10	26	3	5	36	1	..	1	1	2	1	1	6	1	2	$2,580 00
" " " 2..	433	42	....	10	30	3	10	wall	1	1	..	1	8	1	1	*a*	1	1	2,150 00
" " " 3..	107	19	....	6	17	2	7	20	1	1	..	1	1	1	1	*a*	1	7	800 00
" " " 4..	166	26	15	7	24	2	8	26	1	1	1	1	2	1	2	....	8	16	1,490 00
" " " 5..	179	30	4	8	15	2	6	20	1	1	..	1	2	1	1	....	7	16	1,250 00
" " " 6..	274	34	12	9	45	2	6	28	1	..	1	1	4	1	1	*a*	3	4	1,675 00
" " " 7..	275	46	....	12	36	3	13	29	2	1	..	2	6	1	1	*a*	4	8	2,750 00
" " " 8..	248	46	8	10	40	2	14	wall	1	1	..	1	2	1	1	*a*	1	2	2,400 00
" G. & P. " 9..	87	10	....	6	15	2	1	10	1	1	..	1	3	....	1	....	7	12	600 00
" Grammar " 10..	179	29	3	9	24	5	4	32	1	1	..	1	1	1	1	....	8	16	1,500 00
" " " 11..	215	28	....	7	26	2	7	18	2	1	..	4	....	1	1	*a*	1	1	1,250 00
" " " 12..	178	28	5	9	36	1	6	24	1	1	..	1	2	....	2	*a*	3	6	1,300 00
" " " 13..	155	32	7	7	24	2	7	22	1	1	..	1	4	1	1	....	7	14	1,225 00
" " " 15..	355	45	....	11	35	2	10	14	2	..	1	2	4	2	1	4	2	2	2,700 00
" " " 16..	191	32	....	8	30	2	7	24	1	1	..	1	2	4	1	*a*	1	2	1,850 00
" " " 17..	221	30	....	10	32	2	7	23	1	1	..	1	4	1	....	....	10	18	1,525 00
" " " 18..	370	35	....	7	20	2	6	wall	1	1	..	1	1	1	1	*a*	1	....	2,400 00
" " " 19..	439	45	....	9	38	2	8	wall	1	1	..	1	1	8	1	*a*	1	....	2,700 00
" " " 20..	299	48	....	12	48	3	12	wall	1	1	..	1	1	1	1	*a*	....	....	2,560 00
" " " 21..	239	31	....	10	24	1	10	32	2	1	..	1	1	1	1	....	10	20	1,550 00
Totals, Fem. Gram.....	4,858	676	92	177	585	45	154	358	24	17	4	25	51	29	21	10	77	141	$36,255 00
English-German No. 1....	331	42	2	13	25	7	4	28	1	1	..	1	2	1	1	....	15	30	$1,950 00
" " " 2....	537	72	....	20	43	2	16	44	2	2	..	4	4	2	4	6	2	4	3,650 00
" " " 3....	570	84	....	26	48	2	19	49	2	2	..	2	4	2	2	2	14	26	3,900 00
" " " 4....	690	84	....	24	50	2	16	46	2	2	..	4	6	2	2	6	2	4	4,300 00
" " " 5....	596	88	....	26	58	2	18	wall	2	2	..	2	4	2	2	8mead	1	....	4,500 00
" " " 6....	573	84	....	22	58	4	20	wall	2	2	..	4	20	2	2	8mead	5	10	5,400 00
" " " 7....	158	23	....	6	22	2	6	18	1	1	..	2	6	2	2	....	7	14	1,250 00
Totals, Eng.-Ger.....	3,455	477	2	137	304	21	99	185	12	12	..	19	46	13	15	14	46	68	$24,950 00

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS.—Continued.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Male Primary No. 1.....	272	60	2	12	40	1	9	28	1	1	..	1	3	1	1	*a*	1	1	$2,240 00
" " " 2.....	134	22	2	7	24	1	5	18	1	1	..	1	2	1	1	....	5	9	850 00
" " " 3.....	264	52	....	9	26	1	7	24	1	1	..	2	2	1	1	*a*	1	1	1,060 00
" " " 4.....	151	24	5	6	18	3	5	22	1	1	..	1	2	1	2	....	6	12	1,075 00
" " " 5.....	269	40	3	8	30	2	7	28	1	1	..	1	1	1	1	6	1	1	2,250 00
" " " 6.....	215	36	....	9	28	1	7	28	1	1	..	2	2	1	1	....	10	16	1,575 00
" " " 7.....	119	24	....	6	24	1	5	14	1	1	..	1	1	1	1	2	3	6	1,050 00
" " " 8.....	202	38	....	8	26	1	6	8	1	1	..	1	1	1	1	....	9	17	1,250 00
" " " 10.....	117	21	2	7	18	2	3	22	1	1	..	1	2	1	2	....	6	9	940 00
" " " 11.....	292	38	....	10	28	2	8	10	1	1	..	1	4	1	2	6	1	2	2,880 00
" " " 12.....	235	42	....	9	28	3	8	28	1	1	..	1	1	1	1	....	9	16	1,440 00
" " " 13.....	172	26	....	6	30	1	5	wall	1	1	..	1	2	1	1	Smead	1	....	1,640 00
" " " 14.....	179	27	....	8	34	1	6	23	1	1	..	2	1	1	1	5	1	2	1,765 00
" " " 15.....	199	20	....	9	24	1	6	18	1	1	1	1	2	1	1	....	9	12	1,350 00
" " " 16.....	170	27	5	6	20	1	4	22	1	1	..	1	2	1	1	5	1	2	1,875 00
" " " 17.....	166	33	....	6	14	1	2	22	1	1	..	1	1	1	1	....	8	14	1,000 00
" " " 18.....	147	26	....	6	26	1	3	18	1	1	..	1	1	1	1	....	7	14	960 00
" " " 19.....	192	43	....	5	18	1	4	wall	1	1	..	1	2	1	1	Smead	....	1	1,250 00
" " " 20.....	373	61	....	17	36	2	13	48	2	1	..	2	12	1	1	....	16	34	2,350 00
" " " 21.....	177	31	....	5	11	2	14	18	1	1	..	1	1	1	1	....	7	14	1,100 00
" " " 22.....	230	38	11	10	24	1	8	24	1	1	..	1	2	1	1	....	9	14	1,200 00
" " " 23.....	205	26	....	6	19	1	5	8	1	1	..	1	2	1	1	4	4	8	2,050 00
" " " 24.....	258	40	....	9	36	2	8	wall	1	1	..	1	2	1	1	Smead	4	6	2,200 00
" " " 25.....	226	34	....	8	40	2	7	wall	1	1	..	2	4	1	1	Smead	1	1	2,050 00
" " " 26.....	119	20	4	7	18	1	4	22	1	1	..	1	3	1	1	....	5	10	850 00
" " " 27.....	180	30	....	7	18	1	6	26	1	1	..	1	2	1	1	....	8	14	1,250 00
" " " 28.....	157	24	....	6	18	1	6	26	1	1	..	1	2	1	1	....	6	12	1,100 00
" " " 29.....	196	24	....	6	18	1	6	10	1	1	..	1	2	1	1	5	1	1	2,410 00
" " " 30.....	314	46	....	10	24	2	6	25	1	1	..	1	4	1	1	4	1	4	2,240 00
" " " 31.....	159	28	....	6	29	1	5	wall	1	1	..	1	4	1	1	Smead	1	....	1,800 00
" " " 32.....	234	34	....	8	30	1	5	wall	1	1	..	1	4	1	1	Smead	1	....	1,925 00
" " " 33.....	204	28	....	6	24	1	5	wall	1	1	..	1	4	1	1	Smead	1	....	1,800 00
" " " 34.....	120	20	....	4	10	1	3	10	1	1	..	1	2	1	1	....	6	12	700 00
" " " 35.....	170	24	....	6	20	1	6	wall	1	1	..	1	6	1	1	Smead	1	....	1,500 00
" " " 36.....	76	10	....	3	10	1	3	8	1	1	..	1	1	1	1	....	4	6	550 00
" " " 37.....	67	8	....	4	12	1	3	8	1	1	..	1	1	1	1	....	4	6	500 00
" " " 38.....	72	10	....	5	12	1	4	10	1	1	..	1	1	1	1	....	4	6	540 00
Totals, Male Primary..	7,122	1,136	34	267	865	49	217	576	38	37	1	42	91	37	40	37	163	283	$54,745 00

Schools.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Female Primary No. 1	260	38	49	14	20	2	8	43	2	1	..	1	2	1	1	*a*	1	1	$1,540 00
" " " 2	137	18	....	5	14	2	4	18	1	1	..	1	2	1	1	....	5	10	800 00
" " " 3	180	24	2	6	18	2	8	18	1	1	..	1	2	1	1	*a*	1	1	950 00
" " " 4	128	22	6	6	22	1	4	16	1	1	..	1	4	1	1	....	6	12	920 00
" " " 5	291	45	2	9	18	1	6	22	1	1	..	1	2	1	1	*c*	1	2	1,450 00
" " " 6	238	35	....	7	28	1	10	20	1	1	..	1	3	1	1	....	8	14	1,350 00
" " " 7	120	24	....	5	24	1	5	12	1	1	..	2	4	1	1	*c*	2	4	700 00
" " " 8	182	35	....	7	26	1	6	7	1	1	..	1	2	1	1	....	8	15	1,130 00
" " " 10	122	18	....	7	18	2	4	20	1	1	..	1	6	1	1	....	5	9	850 00
" " " 11	282	40	....	10	23	2	9	16	1	1	..	1	8	1	1	*c*	1	1	2,475 00
" " " 12	189	33	2	8	20	1	6	28	1	1	..	1	2	1	1	....	9	9	1,350 00
" " " 13	162	26	....	6	22	1	5	wall	1	1	..	1	3	1	1	*c*	1	....	1,650 00
" " " 14	199	28	....	6	30	1	7	25	1	1	..	2	5	1	1	*c*	1	1	1,050 00
" " " 15	195	33	3	10	24	2	6	28	1	1	..	1	4	1	1	....	9	14	1,350 00
" " " 16	159	27	....	6	20	1	5	22	1	1	..	1	3	1	1	*c*	.....		1,000 00
" " " 17	188	28	....	7	16	1	6	24	1	1	..	1	6	1	1	....	7	14	1,150 00
" " " 18	146	22	....	6	18	1	2	26	1	1	..	1	4	1	1	....	6	12	850 00
" " " 19	180	20	....	4	22	1	3	wall	1	1	..	1	6	1	1	*c*	.....		950 00
" " " 20	387	52	....	17	36	2	11	55	1	1	..	1	8	1	1	....	16	34	2,250 00
" " " 21	173	31	....	6	18	1	3	20	1	1	..	1	3	1	1	....	7	14	2,000 00
" " " 22	188	30	11	6	17	1	6	21	1	1	.	1	2	1	1	....	8	12	1,150 00
" " " 23	208	26	....	6	18	1	5	12	1	1	..	1	2	1	1	*c*	4	1	1,300 00
" " " 24	262	42	....	9	36	2	8	wall	1	1	..	1	2	1	1	*c*	4	4	2,100 00
" " " 25	226	34	....	8	36	2	7	wall	1	1	..	1	2	1	1	*c*	1	....	2,050 00
" " " 26	140	30	....	6	18	1	5	20	1	1	..	1	4	1	1	....	5	16	950 00
" " " 27	241	42	....	10	18	1	5	26	1	1	..	1	4	1	1	....	7	14	1,250 00
" " " 28	156	27	....	7	18	2	7	25	1	1	..	1	3	1	1	....	7	14	1,050 00
" " " 29	184	24	....	6	18	1	6	6	1	1	..	1	2	1	1	*c*	1	1	1,175 00
" " " 30	292	46	....	10	18	1	6	30	1	1	..	1	3	1	1	*c*	1	2	1,450 00
" " " 31	165	28	....	6	18	1	5	wall	1	1	..	1	2	1	1	*c*	1	1	1,700 00
" " " 32	154	24	....	6	18	1	5	wall	1	1	..	1	2	1	1	*c*	1	....	1,600 00
" " " 33	180	24	....	6	18	1	5	wall	1	1	..	1	2	1	1	*c*	1	....	1,675 00
" " " 34	120	20	....	4	10	1	3	10	1	1	..	1	2	1	1	....	6	12	700 00
" " " 35	170	24	....	6	20	1	6	wall	1	1	..	1	6	1	1	*c*	.....		1,500 00
" " " 36	80	14	....	4	10	1	3	8	1	1	..	1	2	1	1	....	4	8	750 00
" " " 37	85	15	....	4	8	1	3	8	1	1	..	1	2	1	1	....	4	8	760 00
" " " 38	75	12	....	5	12	1	4	10	1	1	..	1	1	1	1	....	5	8	600 00
Totals, Female Primary.	6,844	1,061	75	261	748	47	207	596	38	37	..	39	122	37	37	....	154	268	$47,525 00

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS.—Continued.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
High and Gram. Col. No. 1.	308	64	...	14	48	2	13	42	1	1	..	2	4	1	2	*d*	1	1	$2,800 00
Grammar Colored " 2.	184	36	...	6	18	2	5	14	1	1	..	1	2	1	1	....	10	18	1,260 00
" " " 3.	156	30	...	11	30	6	8	26	1	1	..	1	2	1	1	....	10	18	1,200 00
Male Colored No. 1.....	144	24	...	4	16	1	4	12	1	1	..	1	2	1	1	6	1	1	1,860 00
" " " 2.....	161	30	...	7	12	1	6	20	1	1	..	1	2	1	1	....	6	10	1,020 00
" " " 3.....	267	38	...	7	30	1	7	wall	1	1	..	2	1	1	1	8	1	1	2,950 00
" " " 4.....	188	24	...	6	18	2	6	18	1	1	..	1	1	1	1	....	6	10	1,000 00
" " " 5.....	120	20	...	5	18	1	4	15	1	1	..	1	2	1	1	....	5	10	850 00
" " " 6.....	149	24	9	6	16	9	2	15	1	1	..	1	2	1	1	....	6	9	975 00
" " " 7.....	254	39	...	10	30	1	9	28	1	1	..	1	4	1	1	6	1	2	2,250 00
" " " 8.....	180	25	...	6	15	2	3	14	1	1	..	1	1	1	1	2	1	1	1,000 00
" " " 9.....	222	46	...	10	30	2	10	wall	1	1	..	2	2	1	1	4	5	10	2,050 00
M. & F. " " 10.....	232	38	...	9	30	2	9	wall	1	1	..	2	2	2	2	Smead	....	....	1,750 00
Female " " 1.....	235	24	...	6	24	1	6	18	1	1	..	1	3	1	1	*d*	....	....	1,300 00
" " " 2.....	174	26	...	7	19	2	6	16	1	1	..	1	2	1	1	....	6	14	1,100 00
" " " 3.....	273	38	...	10	30	1	7	wall	1	1	..	1	3	1	1	*d*	1	1	2,300 00
" " " 4.....	185	26	4	8	10	1	4	25	1	1	..	1	3	1	1	....	6	10	985 00
" " " 5.....	126	20	...	5	18	1	4	15	1	1	..	1	2	1	1	....	5	10	985 00
" " " 6.....	152	23	11	7	10	1	3	16	1	1	..	1	1	1	1	....	7	8	1,350 00
" " " 7.....	276	37	...	12	28	1	11	31	1	1	..	2	1	1	2	*d*	2	4	1,450 00
" " " 8.....	161	25	...	5	16	1	4	32	1	1	..	1	2	1	1	*d*	3	6	800 00
" " " 9.....	211	35	...	2	30	2	3	wall	1	1	...	1	2	1	1	*d*	4	6	1,475 00
Totals, Colored	4,358	692	24	163	496	43	134	357	22	22	...	27	46	23	25	26	87	150	$32,710 00

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS.—Continued.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Annex No. 1	153	28	....	6	14	1	4	wall	1	1	..	1	2	1	1	....	6	10	$ 650 00
" " 2	423	62	....	12	36	2	6	26	1	1	..	1	8	2	1	....	14	26	1,850 00
" " 3, Male	157	28	....	6	18	1	2	16	1	1	1	1	3	1	1	....	8	16	1,000 00
" " 3, Female	109	18	....	5	12	2	5	12	1	1	..	1	3	1	1	....	6	12	950 00
" " 4	166	28	....	6	24	1	5	wall	1	1	..	1	2	1	1	Smead	1	....	1,275 00
" " 5	180	30	....	6	18	2	2	10	1	..	..	1	2	1	1	....	6	12	850 00
" " 6	147	30	....	6	24	1	5	wall	1	1	..	1	4	1	1	Smead	1	....	1,275 00
" " 7	228	32	....	8	18	1	5	7	1	..	..	1	2	1	1	1	5	8	1,600 00
" " 8	371	48	....	14	36	2	12	wall	1	1	..	2	4	1	1	Smead	1	....	4,000 00
" " 9	181	26	....	6	18	2	2	10	1	..	..	1	6	2	1	....	6	14	750 00
" " 10	89	22	....	5	20	1	6	12	1	1	..	1	2	1	1	....	4	8	600 00
" " 11	302	48	....	12	40	2	10	wall	1	1	..	2	10	2	1	Smead	1	....	3,800 00
" " 13	413	52	....	14	40	2	12	32	2	1	..	2	6	2	1	Smead	1	....	2,650 00
" " 14	44	7	....	2	6	1	2	6	1	1	..	1	2	1	1	....	3	6	350 00
" " 15	258	40	....	10	29	2	3	wall	2	1	..	2	10	2	1	Smead	....	....	2,850 00
" " 16, Male	168	30	....	6	20	1	5	12	1	1	..	1	2	1	1	4	....	....	2,150 00
" " 16, Female	162	30	....	6	20	1	5	12	..	1	..	1	2	1	1	*e*	....	....	1,600 00
" " 17	165	24	....	6	20	1	5	15	1	1	..	1	2	1	1	Smead	....	....	1,500 00
" " 18	175	26	....	7	18	1	6	14	1	1	..	1	2	1	1	....	6	12	1,000 00
" " 19	75	15	....	6	12	1	4	8	1	1	..	1	2	1	1	....	3	6	625 00
" " 1, Colored	61	10	....	3	6	1	3	4	1	1	....		1	....	....	....	3	5	325 00
" " 2 "	48	4	....	2	6	1	3	7	1	1	....		1	....	....	....	2	4	300 00
" " 3 "	68	14	....	4	8	1	3	6	1	1	....		1	....	....	....	3	5	350 00
Totals	4,143	652	....	154	463	31	115	209	24	20	1	24	79	25	20	5	80	144	$32,300 00

a Included in Male Grammar Department. *b* Included in Female Grammar Department. *c* Included in Male Primary Department.
d Included in Male Colored Department. *e* Included in Male Annex Department.

INVENTORY OF FURNITURE, HEATING APPARATUS, ETC., IN THE SCHOOLS.—RECAPITULATION.

SCHOOLS.	Pupils' Desks.	Rear Seats.	Settees.	Teachers' Desks.	Chairs.	Book Cases. Large	Book Cases. Small	Black-boards.	Clocks.	Organs.	Pianos.	Wardrobes	Umbrella Stands.	Wash Stands.	Tables.	Furnaces.	Stoves.	Screens.	Estimated Valuation.
Baltimore City College	593	56	78	16	130	19	1	16	13	1	1	2	.....	.....	8	4	....	.....	$6,850 00
East. Fem. High School	356	25	84	24	125	7	.....	22	3	....	2	....	....	....	12	4	2	2	5,340 00
West. Fem. High School	418	32	159	15	115	14	7	32	2	1	1	....	....	....	9	5	1	1	4,715 00
Balto. Polytechnic Inst.	256	46	....	12	954	14	.....	wall	13	1	..	.....	.....	.....	16	2	....	.....	5,356 00
Col. Man'l Training Sch'l	109	12	....	11	67	8	6	25	1	1	..	1	....	....	1	....	15	22	900 00
Male Grammar	5,129	740	23	204	576	51	160	401	30	22	..	27	49	21	18	48	78	138	42,105 00
Female Grammar	4,558	676	92	177	585	45	154	358	24	17	4	25	51	29	21	10	77	141	36,255 00
English-German	3,455	477	2	137	304	21	99	185	12	12	..	19	46	13	15	14	46	68	24,950 00
Male Primary	7,122	1,136	34	267	865	49	217	576	38	37	1	42	91	37	40	37	163	283	54,745 00
Female Primary	6,844	1,061	75	261	748	47	207	596	38	37	..	39	122	37	37	....	154	268	47,525 00
Colored	4,358	692	24	163	496	43	134	357	22	22	..	27	46	23	25	26	87	150	32,710 00
	33,238	4,953	571	1,287	4,965	318	985	2,568	196	151	9	182	405	160	202	150	623	1,073	$261,451 00
Annex Schools	4,143	652	....	154	463	31	115	209	24	20	1	24	79	25	20	5	80	144	32,300 00
Totals	37,381	5,605	571	1,441	5,428	349	1,100	2,777	220	171	10	206	484	185	222	155	703	1,217	$293,751 00

PAPERS RELATING TO BALTIMORE CITY COLLEGE.

FACULTY.

FRANCIS A. SOPER, A.M., Principal,
Professor of Higher Mathematics.

CHARLES F. RADDATZ, Vice-Principal,
Professor of the German Language and History.

A. L. MILLES, B.A.,
Professor of the French Language and Adjunct Professor of Latin.

POWHATAN CLARKE, M.D.,
Professor of Natural Sciences.

CHARLES C. WIGHT,
Professor of English Literature and History.

A. Z. HARTMAN, A.M.,
Professor of Latin and Greek.

J. N. HANK, A.M.,
Professor of Latin and Mental Philosophy.

JOSEPH H. ELLIOTT, Secretary of Faculty,
Professor of Book-keeping and Penmanship.

S. F. NORRIS,
Professor of Astronomy and Mathematics.

ROBERT C. COLE, A.M.,
Professor of History and Political Economy.

ALEXANDER HAMILTON,
Professor of English and Mathematics.

G. EMORY MORGAN, A.M.,
Professor of Latin and English Literature.

HENRY S. WEST, A.B.,
Professor of Drawing.

PHILIP H. FRIESE,
Professor of Natural Sciences and English.

JULIUS G. MILLER,
Professor of Mathematics and Latin.

WILBUR F. SMITH,
Adjunct Professor of Mathematics and English.

CURRICULUM.

FIRST YEAR.

History of United States,
History of England,
Writing,
Composition,
Drawing,
Physics,
English Literature,
Latin,
Book-keeping,
Algebra,
Geometry.

SECOND YEAR.

Composition,
English Literature,
Book-keeping,
Physics,
Drawing,
Latin,
German,
Geometry,
History of Rome, and Constitution of Maryland,
Mensuration,
Elocution.

THIRD YEAR.

Composition and Elocution,
English Literature,
Drawing,
Latin,
Chemistry,
Review of Mathematics,
History of Greece and Eastern Nations,
German,
Greek (optional),
French,
Trigonometry and applications,
Rhetoric.

FOURTH YEAR.

English Literature and essays,
Chemistry,
Latin,
Greek,
French,
Surveying and Navigation,
German,
Drawing,
Analytical Geometry,
Astronomy,
Civil Government,
Composition,
Elocution.

FIFTH YEAR.

Latin,
Greek,
Calculus,
English Literature and essays,
Mental Philosophy,
Political Economy,
French,
German,
Chemistry,
Astronomy,
Drawing,
Elocution.

RECITATIONS.

111th and 112th Terms.

RECITATIONS HEARD EACH WEEK BY THE RESPECTIVE PROFESSORS.

PROFESSOR SOPER—Calculus, 4 times; Analytical Geometry, 6 times; Preparation, 4 times..... 14

PROFESSOR RADDATZ—German, 21 times; English History, 2 times; Preparation 1 time..... 24

PROFESSOR MILLES—Latin, 9 times; French, 15 times..... 24

PROFESSOR CLARKE—Natural Philosophy, 6 times; Chemistry, 18 times. 24

PROFESSOR WIGHT—English Literature, 15 times; Rhetoric, 9 times... 24

PROFESSOR HARTMAN—Greek, 12 times; Latin, 12 times..... 24

PROFESSOR HANK—Latin, 20 times; Mental Philosophy, 2 times; Preparation, 2 times..... 24

PROFESSOR ELLIOTT—Book-keeping, 21 times; Writing, 1 time; Preparation, 2 times..... 24

PROFESSOR NORRIS—Trigonometry, 12 times; Astronomy, 3 times; Surveying and Navigation, 4 times; Review Mathematics, 4 times; Preparation, 1 time..... 24

PROFESSOR COLE—History, 19 times; Political Economy, 2 times; Civil Government, 2 times; Preparation, 1 time..... 24

PROFESSOR HAMILTON—Geometry, 18 times; Algebra, 4 times; Preparation, 2 times..... 24

PROFESSOR MORGAN—Latin, 15 times; English Literature, 6 times; Composition, 1 time; Preparation, 2 times..... 24

PROFESSOR WEST—Drawing, 24 times..... 24

PROFESSOR FRIESE—Composition, 7 times; Natural Philosophy, 12 times; History of United States, 3 times; Preparation, 2 times..... 24

PROFESSOR MILLER—Latin, 10 times; Algebra, 6 times; Composition, 2 times; Geometry, 4 times; Preparation, 2 times..... 24

PROFESSOR SMITH—History, 3 times; English Literature, 6 times; Writing, 5 times; Algebra, 2 times; Geometry, 2 times; Composition, 5 times; Preparation, 2 times..... 25

CLASS RECITATIONS.

Recitations Made Each Week by the Different Classes.

Fifth Year.—J.—Calculus, 4; French, 2; German, 2; Chemistry, 3; English, 3; Drawing, 1; Latin, 4; Mental Philosophy or Greek, 2; Astronomy, 1; Political Economy or Greek, 2—24.

Fourth Year.—I^1 and I^2.—Analytical Geometry, 3; French, 2; German, 2; Chemistry, 3; English, 3; Drawing 1; Latin, 4; Greek, or Surveying and Navigation, 4; Astronomy, 1; Civil Government, 1—24.

Third Year.—H^1, H^2 and H^3.—French, 3; German, 2; Chemistry, 3; Rhetoric, 3; Drawing, 1; Greek or Review Mathematics, 4; Latin, 4; Trigonometry, 4; History Greece and Eastern Nations, 1—25.

Second Year.—B^1, B^2 and B^3.—German, 3; Physics, 2; English Literature, 2; Drawing, 2; Latin, 4; Book-keeping, 3; Geometry, 4; Composition, 1; History Rome and Constitution Maryland, 2—23.

First Year.—A^1, A^2, A^3, A^4, A^5 and A^6.—Latin, 5; History England, 2; Drawing, 2; Book-keeping, 2; Writing, 1; Geometry, 2; Algebra, 2; English Literature, 2; Physics, 2; Composition, 2; History United States, 1—23.

ROLL FOR THE YEAR 1895.

Number of students on roll December 31, 1894	636
Number admitted by promotion during 1895	292
Number admitted from private schools during 1895	24
Whole number on roll during 1895	952
Number withdrawn during 1895	265
Number graduated in June, 1895	30
Number re-entered during 1895	6
Number on roll December 31, 1895	663
Average attendance during 1895	570
Average number on roll during 1895	620
Percentage of attendance for the year	92
Number on roll June 30, 1895	523
Number of those who returned after summer vacation	402
Number of new students entered after September 2, 1895	311
Whole number on roll from September 2 to December 31, 1895	713
Number withdrawn from September 2 to December 31, 1895	50

GRADUATES.

Reinier Koller Beeuwkes.
Eugene Blake, Jr.,
John Lawrence Vick Bonney.
Otto Buehner, Jr.,
Gustavus Charles Dohme.
Joseph Shepherd Emmerich,
Henry Melvin Erdman.
Allan Cummins Girdwood,
Hugh Latimer Haughton,
Harry Allen Hopkins,
James Kemp Keech,
Howard Naylor Leeke,
Hermann Lohmeyer,
Henry John Lucke,
John Neal Miller,
Raymond Durbin Miller.
James Wallace Ogler,
Howard Clark Price,
Clyde Reed,
Walter Parke Rupert,
George Barr Scholl,
Alexander Lazear Seth.
Joseph Royall Sherbert,
Albert Gad Stidman,
James William Swaine.
Howard Irving Uhler,
Walter Henry Wellslager,
John Frederic Wenchel,
Milton Morrison Whitehurst.
John Newton Wicks.

RECIPIENTS OF PEABODY PRIZES.

Of the the First Grade—One Hundred Dollars Each:

John Newton Wicks, Walter Henry Wellslager.
Henry John Lucke.

Of the Second Grade—Fifty Dollars Each:

Eugene Blake, Jr., Joseph Royal Sherbert,
Alexander Lazear Seth. Reinier Koller Beeuwkes.

Recipient of Shakespearean Prize:

Howard Clark Price.

Papers Relating to Baltimore Polytechnic Institute.

FACULTY.

JOHN W. SAVILLE, LL.B., PRESIDENT,
Engineering.

E. NEWTON EBAUGH, PH.B., VICE-PRESIDENT,
Higher Mathematics.

WILLIAM DUGENT,
Instructor in Pattern-making and Wood-turning.

WILLIAM G. RICHARDSON,
Instructor in Chipping, Filing and Machine Construction.

WILLIAM H. HALL,
Instructor in Chemistry and Physics.

J. WARD WILLSON, M.D.,
Instructor in Anatomy, Physiology and Hygiene.

ALBERT McCLEAN,
Instructor in Forging.

B. WHEELER SWEANY,
Instructor in Mechanical and Architectural Drawing.

JOHN L. YATER, JR.,
Instructor in Penmanship and Geography.

*THOMAS G. FORD,

Instructor in Carpentry.

RICHARD H. UHRBROCK,

Instructor in Algebra.

*GEORGE M. GAITHER,

Instructor in Carpentry.

*WARREN S. SEIPP,

Instructor in Free-hand Drawing.

FREDERICK D. J. KAESSMANN,

Instructor in German.

WILLIAM A. JONES,

Instructor in Sheet Metal Work.

SAMUEL M. NORTH,

Instructor in Arithmetic.

WILLIAM S. BLAKE,

Instructor in Literature, English and Oratory.

*RALPH L. WILLIAMS,

Instructor in History.

JOSEPH C. O'CONNOR,

Instructor in Carpentry.

FREDERICK W. WILD,

Instructor in Sheet Metal Work.

*B. HARRISON BRANCH,

Instructor in Electrical Engineering.

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*Graduates of this Institute.

THE COURSE OF STUDY.—(General.)

The combined course of study covers three years, and the school time of the students is about equally divided between mental and manual exercises. One hour per day is given to drawing, one hour and a half to shop-work and three hours to the usual academic studies.

The course of studies embraces five parallel lines, as follows:

First—A course in English and German Language and Literature, Composition, Social Science and History.

Second—A course in Science and applied Mathematics, including Geology, Physics, Chemistry, Physiology, Mensuration, Book-keeping and Engineering.

Third—A course in pure Mathematics, including Arithmetic, Algebra, Geometry and Trigonometry.

Fourth—A course in Free Hand, Architectural and Mechanical Drawing, Designing and Penmanship.

Fifth—A course in Tool Instruction, including Carpentry, Wood-Carving, Wood-Turning, Pattern-Making, Moulding, Soldering, Brazing, Vise and Machine-shop Work, Printing, Care and Management of Steam Engines and Boilers, and Military Drill.

GRADUATES.

Brown, George W.
Coggins, Clifton A.
Francis, Harry W.
Hall, Graham B.
Hogendorp, William W.
Hooper, Albert J.
Hornig, Frank A.
Hoskins, Howard L.
Likes, Edward M.
Littig, Ward P.
Loeser, Alfred F.
Magness, Thomas H. J.
Meyer, Herman F.
Rogers, George N.
Ruth, Hamilton D.
Weishampel, Richard F.
Witthaus, Carl A.

Recipient of Alumni Medal:

WARD P. LITTIG.

Recipient of Steam Engineering Medal:

GRAHAM B. HALL.

Recipient of Electrical Engineering Medal presented by Class of '93:

WARD P. LITTIG.

ROLL.

Number of students on roll December 31, 1894	543	
Number of students admitted during the year	358	
Total number in the Institute during the year		901
Number withdrawn during the year	362	
Number graduated	17	
		379
Number now on roll		522
Average enrollment during the year	505	
Percentage of attendance during the year	94.6	

NIGHT CLASSES.

Number on Roll December 31, 1894	204	
Number admitted	555	
Total number in the Institute during the year		759
Number withdrawn during the year		348
Number now on roll		411
Total number on roll in day and night classes		933

Papers Relating to the Eastern Female High School.

FACULTY.

WILLIAM F. WARDENBURG,
Astronomy, Book-keeping, Trigonometry.

MARY C. GEDDES,
Geometry, Composition, Mental Philosophy.

LAURA V. DeVALIN,
English Literature, Composition. Mental Philosophy.

ELIZA E. NICOLAI,
Natural Philosophy, Composition, Astronomy.

M. MATILDA MULLIN,
Drawing.

LEONORA E. CARPENTER,
History, Composition.

SUE M. LOHRFINCK,
Elocution, Composition, Physiology.

MARY C. BASIL,
Composition, Algebra, Geometry.

KATE M. LEWIS,
Algebra, Composition, History.

THEODOCIA B. MAHON,
Algebra, Composition, Geometry.

MARGARET GARRETT,
Composition, Literature, Latin.

ANNA B. DIETRICHS,
German.

MARGARET D. KELLUM,
Latin.

J. HARRY DEEMS,
Music.

GRADUATES.

Blinn, Grace B.
Blum, Henrietta
Blum, Sarah
Borrell, Jennie G.
Brownback, M. Rosanna
Brusstar, Minnie A.
Carswell, H. Charlotta
Chowning, Helen G.
Daneker, Carrie Everett
Eberman, Mae
Eby, Elizabeth V.
Etchberger, Kate C.
Fairbank, Grace C.
Feig, Lillie M.
Fuchs, Ruby A.
Gable, Clara Louise
Gebhardt, Matilda
Genso, Clara M.
German, Edna E.
Hellweg, E. Singley
Hooper, Martha Adele
Hurley, Pearl
Hyde, Zoe May
Hynes, Mary A.
Kellermann, F. Katharina
Knight, Caroline, G.
Lehman, Florence I.
Lindsay, Olive E.
Mintz, Jeannette
Morrow, Edith M.
Neuman, Ida
Oakes, Margaret H.
Owens, Lenora
Parlett, Lula M.
Poetter, Elizabeth W.
Read, Daisy N.
Rehberger, Anna C.
Rowland, Mary A.
Rumsey, Clara L.
Schafer, Florence M.
Schneeberger, Birdie
Shaw, Mary R.
Siegle, Sophia
Sterling, Alice Mabel
Stockdale, A. May
Stutt, Dorothea M.
Taylor, M. Louisa
Tolson, Annie N.
Varian, Dora M.
Wittstein, Esther
Wright, Juliet
Wrightson, Margaret F.

RECIPIENTS OF PEABODY PRIZES.

FIRST GRADE.

Grace C. Fairbank,
Clara M. Genso,
Elizabeth W. Poetter,
Jennie G. Borrell,
Jeannette Mintz.

SECOND GRADE.

H. Charlotta Carswell,
Clara A. Gable,
Matilda Gebhardt,
F. Katharina Kellermann,
Mae Eberman,
Helen G. Chowning,
Margaret H. Oakes,
Lillie M. Feig,
Clara L. Rumsey,
A. May Stockdale.

ADDITIONAL NUMBER RECEIVING TICKETS TO PEABODY LECTURES:

Dora M. Varian,
Mary A. Hynes,
Sarah Blum,
Annie N. Tolson,
E. Singley Hellweg,
Sophia Siegle,
Ida Neuman,
M. Louisa Taylor,
Minnie A. Brusstar,
Anna C. Rehberger.

CLASS RECITATIONS.

Recitations Made Each Week by Different Classes.

L, M.—Mental Philosophy, 3; Trigonometry, 3; History, 2; Elocution, 1; Drwwing, 2; Music, 2; Composition, 1; Astronomy, 3; German, 3; Latin, 5—25.

H, I, K.—English Literature, 2; Elocution, 1; Algebra, 2; History, 2; Geometry, 3; Book-keeping, 2; Drawing, 2; Music, 2; Composition, 1; German, 3; Latin, 5—25.

E, F, G.—Algebra, 3; Composition, 2; Drawing, 2; Elocution, 1; Geometry, 3; German, 3; History, 2; Literature, 3; Natural Philosophy, 2; Vocal Music, 2; Latin, 2—25.

A, B, C, D.—Literature, 3; Elocution, 1; Algebra, 5; Natural Philosophy, 3; Drawing, 2; Music, 2; Composition, 2; History, 2; Physiology, 2; Geometry, 3—25.

ROLL.

Number of pupils on roll December 31, 1894	448
Admitted from public schools by promotion	148
Admitted from private schools	8
Admitted by transfer	2
Total number in school during the year	606
Average enrollment	436
Average attendance (91 $\frac{6}{10}$ per cent.)	400
Number withdrawn during the year	154
Number graduated	52
Number now on roll	452

Course of Study in the Female High Schools.

FIRST YEAR.

Algebra,
Composition,
Drawing,
Elocution,
Geometry,
History,
Literature,
Natural Philosophy,
Physiology,
Vocal Music.

SECOND YEAR.

Algebra,
Composition,
Drawing,
Elocution,
Geometry,
German,
History,
Latin,
Literature,
Natural Philosophy,
Vocal Music.

THIRD YEAR.

Algebra,
Book-keeping,
Composition,
Drawing,
Elocution,
Geometry,
German,
History,
Latin,
Literature,
Vocal Music.

FOURTH YEAR.

Astronomy,
Composition,
Drawing,
Elocution,
German,
History,
Latin,
Mental Philosophy,
Trigonometry,
Vocal Music.

Papers Relating to the Western Female High School.

FACULTY.

ANDREW S. KERR, Principal,
Latin, Trigonometry.

PAMELA A. HARTMAN,
English Literature, Mental Philosophy, Composition.

SARA S. RICE,
Elocution, Literature, Composition.

JANE S. WILLIAMS,
Algebra, Astronomy, History, Composition.

EMMA COWMAN,
Natural Philosophy, Literature, Physiology, Composition.

HENRIETTA C. ADAMS,
History, Composition.

LOUISA C. SAUMENIG,
Geometry, Book-keeping, Composition.

ANNA P. TUDOR,
Latin, Geometry.

ANNIE O. SOLLERS,
Geometry, Natural Philosophy, Composition.

MARY H. THOMIZ,
Physiology, Algebra, Composition.

FRANCES RUTTER,
Geometry, Natural Philosophy, History, Composition.

IMOGEN GEORGE,
English Literature, Algebra, History, Composition.

ELIZABETH HELSBY,
Algebra, Drawing, Composition.

ELIZA J. DAVIS,
Drawing.

FRANCES A. CASPARI,
German.

JOHN G. WEHAGE,
Vocal Music.

GRADUATES.

Abercrombie, Maud M.
Almony, Berta
Bamberger, Florence E.
Bendann, Effie
Benson, Bertha R.
Biemiller, Annie E.
Brewer, Mary Camille
Cassidy, Rose
Clagett, Tabitha
Claiborne, Eva C.
Cole, F. Estelle
Conlon, Mary
Crummer, Elizabeth
Davenport, Mary Adrian
Deakins, Edith Lyles
Dittus, Martha Juliet
Dodson, Helen H.
Droste, Helen V.
Elmer, Loula Grace
Emmons, Alice Irene
Fishach, Ida Gertrude
Goldman, Blanche W.
Grimm, Odo Romaine
Guggenheimer, Adelaide
Hardesty, Helen Grafton
Hartman, Julia Lucille
Haskell, Bessie M.
Hastings, Elizabeth K.
Haswell, Alice Elizabeth
Hofflin, Hattie Hersy
Holzman, Carrie F.
Houston, Emma Carson
Howry, Mamie Foster
Jarrett, Mary Cromwell
Johnson, Edna May
Jones, Aline Lorraine
Jones, Emma Virginia
Jordan, Annette Lilah
Kerr, Emma
Kirk, Lida Virginia
Klotz, Rosa Hannah
Knipp, Stella May
Kramer, Grace Amanda
Leibe, Ella J.
Lewis, Edith
Lipscomb, Sallie Boyd
Lowenthal, May
Mansfield, Bettie T.
Maull, Mary Blanche
Merryman, Mabel
Miles, M. Loretto
Neilson, Christine
Ogle, Sadie Estelle
O'Neill, Willie Adele
Potter, Georgia Martin
Price, Marian
Reese, Lulu
Robinson, Alethea S.
Rochstroh, Gussie
Rogers, Grace A.
Ryan, Mamie T.
Saumenig, M. Annette
Sheckles, L. Imogene
Smith, Minnie Cecelia
Sohl, Florence G.
Stevens, A. Elizabeth
Strauss, Sadie
Stromberg, Florence
Taylor, Helen Groton
Teale, May Esther
Thomas, Laura R.
Vail, Maggie Lee
Wechsler, Maud
Werber, Pauline I.
Winterson, Bettie P.

RECIPIENTS OF PEABODY MEDALS.

FIRST GRADE.

Nettie Saumenig,
Carrie F. Holzman,
Grace Kramer,
Sadie Strauss,
Blanche Goldman.

SECOND GRADE.

Rosa Hannah Klotz,
Marian Price,
Elizabeth K. Hastings,
L. Imogen Sheckles,
Lida Virginia Kirk,
Lulu Reese,
Alice Irene Emmons,
Annette L. Jordan,
Alethea S. Robinson,
Mary Josephine Conlon.

ADDITIONAL NUMBER RECEIVING TICKETS TO LECTURES AT PEABODY INSTITUTE.

Bessie M. Haskell,
Adelaide Guggenheimer,
Hattie Hersy Hofflin,
Martha Juliet Dittus,
Emma Virginia Jones,
Willie Adele O'Neill,
Stella May Knipp,
Ida Gertrude Fishach,
Julia Lucille Hartman,
Pauline I. Werber.

STATISTICS.

Grammar school pupils recommended for admission in June	356
Grammar school pupils examined for admission in June	13
Grammar school pupils admitted after examination	0
Private school pupils examined for admission in September	7
Private school pupils admitted after examination	4
Grammar school pupils who failed to enter in September	85
Transferred to Eastern High School	2

ROLL AFTER ORGANIZATION, SEPTEMBER, 1895.

Returned after summer vacation	324
Re-entered	17
Admitted from grammar schools	271
Admitted from private schools	4
Admitted by transfer from Eastern High School	26
Total	642

CHANGES IN THE NUMERICAL CONDITION OF THE CLASSES.

	4th Year.	3d Year.	2d Year.	1st Year.	Total.
On roll December, 1894	75	73	183	279	610
On roll June, 1895	75	63	122	201	461
Graduated June, 1895	75	..	...	...	75
On roll September, 1895	52	83	172	335	642
On roll December, 1895	52	83	167	330	632
Average number of pupils on roll during the year					571
Average attendance of pupils during the year					522
Average percentage of attendance					91.4

Amount of tuition fees collected from non-resident pupils $96 00

CLASS RECITATIONS.

Recitations Made Each Week by the Different Classes.

M[1] AND M[2] CLASSES.—Astronomy, 3; Composition, 1; Drawing, 2; Elocution, 1; German, 3; History, 2; Music, 2; Mental Philosophy, 3; Trigonometry, 3; Latin, 5.

L AND K CLASSES.—Algebra, 2; Book-keeping, 2; Composition, 1; Drawing, 2; Elocution, 1; Geometry, 3; German, 3; History, 2; Literature, 2; Music, 2, Latin, 5.

I, H AND G CLASSES.—Algebra, 3; Composition, 2; Drawing, 2; Elocution, 1; Geometry, 3; German, 3; History, 2; Literature, 2; Physics, 3; Music, 2; Latin, 2.

F, E, D, C, B AND A CLASSES.—Algebra, 5; Composition, 2; Drawing, 2; Elocution, 1; History, 2; Literature, 3; Physics, 3; Physiology, 2; Music, 2; Geometry, 3.

Papers Relating to Colored High School.

FACULTY.

GEORGE LEWIS STALEY, Principal,
Latin, Mental Philosophy, Moral Science, Astronomy, Etymology.

BESSIE L. RICE,
Elocution, Literature, Trigonometry, Composition, Latin, Music.

MARY E. HUDGINS,
Rhetoric, Grammar, Composition, Latin.

NELLIE M. O'CONNOR,
Algebra, Book-keeping, Arithmetic, Literature, Geometry.

KATIE L. FLYNN,
History, Natural Philosophy, Etymology, Physiology, Grammar.

OLIVIA F. KEACH,
Drawing.

GRADUATES.

Brown, Ella Roberta
Cummings, Estelle
Cooper, Edith M.
Corbin, Lucy
Davis, Lizzie
Jackson, Sarah E.
Martin, Annie
Mason, Winifred C.
Monroe, Edward
Murphy, Lilly B.
Scott, Roberta T.
Scott, M. Irene
Wharton, Hiler M.

ROLL.

Number of pupils on roll December 31, 1894	136
Admitted from public schools	55
Admitted from private schools	0
Re-entered	0
Admitted by transfer	0
Total number in school during the year	191
Number withdrawn during the year	38
Number graduated	13
Number now on roll	140

CLASS RECITATIONS.

Recitations Made Each Week by the Different Classes.

Fourth Year.—Mental Philosophy, 2; Trigonometry, 2; History, 2; Literature, 2; Grammar, 2; Elocution, 2; Drawing, 1; Latin, 3; Music, 1; Composition, 2; Astronomy, 2; Moral Science, 1; Algebra, 2; Study, 1—25.

Third Year.—Natural Philosophy, 2; Literature, 2; Rhetoric, 2; Elocution, 1; Algebra, 2; History, 3; Geometry, 2; Drawing, 1; Latin, 3; Music, 1; Composition, 1; Grammar, 2; Book-keeping, 2; Study, 1—25.

Second Year.—Algebra, 2; Arithmetic, 1; Composition, 1; Drawing, 1; Latin, 3; Geometry, 2; History, 3; Literature, 3; Natural Philosophy, 2; Rhetoric, 2; Music, 1; Etymology, 1; Grammar, 2; Elocution, 1—25.

A and B Classes.—Etymology, 2; Literature, 2; Elocution, 1; Algebra, 2; Arithmetic, 2; Physiology, 1; Natural Philosophy, 2; Drawing, 1; Music, 1; Composition, 1; History, 3; Latin, 4; Grammar, 2; Study, 1—25.

COURSE OF STUDY

—— IN THE ——

COLORED HIGH SCHOOL.

FIRST YEAR.

Etymology,
Literature,
Elocution,
Algebra,
Arithmetic,
Physiology,
Natural Philosophy,
Drawing,
Music,
Composition,
History,
Latin,
Grammar.

SECOND YEAR.

Algebra,
Composition,
Latin,
History,
Rhetoric,
Music,
Arithmetic,
Drawing,
Geometry,
Literature,
Natural Philosophy,
Etymology,
Grammar,
Elocution.

THIRD YEAR.

Literature,
Rhetoric,
Algebra,
History,
Drawing,
Music,
Natural Philosophy,
Elocution,
Geometry,
Latin.
Composition,
Grammar,
Book-keeping.

FOURTH YEAR.

Mental Philosophy,
History,
Literature,
Grammar,
Latin,
Composition,
Moral Science,
Trigonometry,
Algebra,
Elocution,
Drawing,
Music,
Astronomy.

Papers Relating to Colored Manual Training School.

FACULTY.

Acting Principal,
WILLIAM R. RYAN,
DRAWING AND ENGINEERING.

First Assistant,
SAMUEL T. LESTER,
HIGHER MATHEMATICS AND ENGLISH.

Instructors in Academic Department,
WILLIAM M. MALOY,
SCIENCE AND ENGLISH.

HENRY DEUSSEN,
MATHEMATICS AND ENGLISH.

Instructor in Wood-Working,
CHARLES J. P. SCHMIDT,
CARPENTRY, PATTERN-MAKING AND WOOD-TURNING.

Instructor in Metal Department,
JOHN E. AULD,
FORGE SHOP AND RAILING WORK.

Instructor in Metal-Working,
FRANK W. WATERMAN,
MACHINE SHOP AND SHEET METAL WORK.

THE COURSE OF STUDY.—(General.)

The complete course of study covers three years, and the school time of the students is about equally divided between mental and manual exercises. One hour per day is given to drawing, two hours to shop work and two and a-half hours to the usual academic studies.

The course of study embraces five parallel lines, as follows:

First—A course in English Language and Literature; Composition, U. S. Constitution and Civil Government, and Ancient and Modern History.

Second—A course in Science and applied Mathematics, including Geology, Physics, Chemistry, Physiology, Mensuration, Book-keeping, Commercial Business, Type-writing and Engineering.

Third—A course in pure Mathematics, including Arithmetic, Algebra, Geometry and Trigonometry.

Fourth—A course in Free Hand, Architectural and Mechanical Drawing, Designing and Penmanship.

Fifth—A course of Tool Instruction, including Carpentry, Wood-carving, Wood-turning, Pattern-making, Moulding, Soldering, Brazing, Vise and Machine-shop work, Care and Management of Steam Engines and Boilers, and Military Drill.

ROLL.

Number of Students on roll December 31, 1894	98
Number of students admitted from public schools	29
Number of students admitted from private schools	0
Total number in school during the year	127
Number withdrawn during the year	48
Number now in school	79
Average number on roll during the year	84.94
Average attendance for the year	70.40
Percentage of attendance for the year	82.88

GRADES FOR PRIMARY SCHOOLS.

[September, 1895—As Amended to April, 1896.]

FIRST GRADE—FIRST YEAR.

READING—*First Half Year.*—Use objects or pictures, blackboard, slates, Fisher's card and reading chart. From the beginning lead the pupils to associate words with the things, qualities or actions of which they are the representatives. First present the object to their attention and then the word that names it. After a few simple words have been learned in this way combine each object-word with other simple words to form sentences which the pupils are to be taught to read. Continue this exercise with a series of simple object-words. In all new sentences present repetitions of word-forms previously learned and introduce new words gradually. Teach writing from the first, beginning with small letters of the simplest forms, as wholes, and afterward combining the letters to form simple words. Give much repetition in new combinations of letters previously learned. Use the reading chart after the written forms of a few words have been thoroughly taught. Begin with script instead of printed words.

Second Half Year—Swinton's Primer and First Reader. Supplementary reading to repeat word-forms in new sentences. Continue to practice writing words and sentences and reading them. In this and all subsequent reading work take special care to see that the thought to be expressed is in the mind of the pupil before requiring him to read aloud. Insist upon a distinct and audible utterance and correct pronunciation. Pupils must not be permitted to acquire the habit of drawling or reading disjunctively. Teach them to see whole phrases and to speak them as wholes. The articles *a*, *an* and *the* and the unemphasized little words *in* and *to*, etc., should be pronounced as unemphasized prefixes. For example, *a float*, *a boat*, should be spoken as single words, like *afloat*, *about*, etc. Never allow the too common fault of hesitating in learning to read. Make the pupils familiar with the matter of each reading lesson by conversation and explanation, so as to lead them to read it at sight. To this end the new words of each lesson should be written on the blackboard and fully explained. The pupils should also be required to copy them into sentences before allowing them to read the lesson. Oral spelling from the reading lesson.

ARITHMETIC—*First Half Year.*—Teach numbers from one to twenty. *Second Half Year*—Teach to one hundred. Develop the *idea* of number, as wholes; with objects, numeral frame, marks, etc. While doing this do not at first permit the pupil to *count* unless the objects to be counted are actually present. Treat each number above 1 with all possible combinations of the preceding numbers to produce it by adding, and with its separations by subtracting them from it—

First. With objects, numeral frame, marks, etc., without figures.

Second. With objects and figures.

Third. Mentally with abstract numbers.

Fourth. With simple practical examples.

Train the pupils to recognize the number at sight without conscious effort at counting, as they recognize the words, *day*, *man*, etc. Encourage the children to talk, but require their answers to be full and complete sentences.

Miscellaneous examples for rapid solution by adding and subtracting.

Appleton's First Lessons in Arithmetic to be used in oral teaching in all the grades. Follow closely the methods of the author, intended to develop arithmetical knowledge.

Slate Work—*First Half Year*.—Addition, the result to be no greater than 20. *Second Half Year*—No greater than 100. Teach coins from one cent to twenty, inclusive; pint; quart; inch.

In advanced classes of this grade, the teacher is expected to carry the pupils as far as the condition of the class will warrant. Such a class, properly graded, should be able to accomplish the work of the first half-year of the second grade.

Language.—Purpose: to accustom pupils to express what they know in correct forms of speech. Oral exercises from objects and pictures connected with the reading and observation lessons, including the lessons in numbers and whatever the ingenuity of the teacher may suggest. Use Hyde's or Sheldon's Language Lessons so far as applicable to First Grade.

Penmanship.—Begin with the thirteen small letters, combining them into short, easy words. Be careful that the copies set are in good writing. After the pupils are able to write fairly well, exercise them in copying easy sentences. Require them to read what they have written. The idea of form and symmetry is to be required at this point, rather than the making of nice lines. The copying of printed forms from books as an exercise must not be allowed.

Drawing.—One hour per week. The position of points, then of straight lines, with the names and shapes of the simplest geometric forms, and the drawing of objects based on these forms, also the bisection of lines.

Music.—New American Music Reader No. 1. Through page 12.

SECOND GRADE—SECOND YEAR.

Reading and Spelling.—Swinton's Second Reader. Supplementary reading. Exercises in articulation and pronunciation. Written and oral spelling from the reading lessons. A few short pieces of suitable poetry carefully learned and frequently recited. Require the pupils to write the words before spelling them orally by letters. Accustom pupils in written spelling to recognize all the characters in the word-forms, such as the *apostrophe*, etc. Require them to memorize the alphabet as an acquisition for future use. Observe directions in previous grade.

Arithmetic.—Combinations and separations of numbers to one thousand.

Adding, subtracting and multiplying—

First. Without figures.

Second. With figures, using no amounts or minuends greater than one thousand or multipliers greater than nine. Roman numerals to C.

Coins continued. Pint, quart, gallon. Pint, quart, peck and bushel. Hour, day, week, month and year. Dozen. Inch, foot and yard. Ounce and pound.

Slate Work.—Write and read numbers containing six figures. Addition, subtraction and multiplication with not more than three figures as a multiplier. Simple practical problems. Teach well the multiplication table through 9x12. Illustrate the construction of the table with objects, the numeral frame, etc. Give oral drills in rapid combinations of numbers.

Language.—Work of first grade continued. Short stories told or read to the pupils and reproduced by them orally. Pupils to give expression to thoughts suggested by objects and pictures or by observation lessons. Use Hyde's or Sheldon's Language Lessons so far as applicable to First and Second Grades.

Penmanship—*First Half Year.*—Review the writing of the small letters and teach the writing of all the capitals and all the marks of punctuation. Give daily practice in writing words and sentences taught in the language and reading lessons. Give exercises in writing from dictation and transforming printed language into script. Accept no careless work.

Second Half Year—Practice in movements of the arm, hand and fingers with the pen held correctly, using suitably ruled copy-books for such work—

First. Copying from the blackboard or from slips.

Second. Writing selections in script from the reading book.

Third. Words, phrases, sentences and short stories from dictation.

Drawing.—One hour per week. Books with straight line designs are provided, additional forms taught, with the trisection of lines.

Music.—New American Music Reader No. 1. Through page 20.

THIRD GRADE—THIRD YEAR.

Reading.—Swinton's Third Reader. Exercises in articulation and pronunciation. Written and oral spelling selected from Swinton's Third Reader. A few appropriate selections of poetry carefully read, learned and frequently recited. Observe directions in previous grades.

Arithmetic.—The text book in this grade is to be used for *reading* and *thinking* as well as for drill work.

Writing and reading integers to and including millions. Miscellaneous exercises in addition, subtraction, multiplication and division of integers. In long division the divisor not to exceed four figures.

Multiplication table reviewed and continued through 12x12. Roman numerals to M, and ordinal numbers as needed in connection with the reading and other lessons.

Coins previously studied and paper currency. Second, minute, hour, day, week, month and year. Time of day by the clock. Units of dry and liquid measure previously studied, thoroughly reviewed. In this grade the ground rules—addition, subtraction, multiplication and division—thoroughly reviewed; collateral practice with exercises for rapid execution—adding columns of figures, etc.

PENMANSHIP.—Practice in movements of the arm, hands and fingers with the pen held correctly. Use practice paper one hour a week. One writing book or its equivalent, completed each half year. Copying from the blackboard. Writing selections and dictation exercises in blank books.

LANGUAGE.—Work of second grade continued with oral and written exercises; short stories read silently and then reproduced orally and in writing; stories written from pictures; letter writing begun. Statements, questions and commands. The pupils must be able to illustrate the proper use of each by original examples, both oral and written.

Correct use of names, persons, cities, streets, the days, months and seasons.

Correct use of the words *I*, *uncle*, *aunt*, *you*, *is*, *are*, *was*, *were*, *has* and *been*.

Correct use of the abbreviations, *Mr.*, *Mrs.*, *St.* (street), *Av.* (avenue), *Co.* (county), and those of the names of the days and months.

How to write addresses, dates and initials. Use of the apostrophe in common constructions. Quotations, use of the comma with the names of persons addressed.

Good models illustrating points in capitalization and punctuation to be copied by the pupils.

Exercises on the pronunciation of words commonly mispronounced.

Daily systematic written exercises consisting of short letters, with correct heading, salutation, signature and superscription, reproduction of short stories (first oral, then written), brief descriptions of pets, games, familiar occupations, pictures and stories told and written from them and answers to questions in correct sentences.

Special attention to penmanship, spelling, capitalization and punctuation in every exercise.

GEOGRAPHY—*Second Half Year.*—Give conversational lessons on plants, animals, people of different countries and climates, traveling by land and water, etc. Teach the natural divisions of land and water. Cardinal points of the compass. Names of the hemispheres, continents, oceans and grand divisions. General idea of our own country, State and city. Make the study interesting to the pupils, and endeavor by all means to create in their minds clear conceptions of geographical terms. Use the lessons of the book as reading and thinking lessons. All terms and definitions should be learned with accuracy after they are clearly understood. Use either Swinton's or Frye's Primary Geography.

Lessons to develop ideas of—

(1) *Color*—Red, orange, yellow, etc.
Form—Sphere, cylinder, cube, etc.
Place—On, above, under, before, etc.
Size—Large, small, great, little, etc.
Qualities of Objects—Rough, smooth, sweet, etc.
(2) *Lessons on the Human Body*—Parts, use and movement, etc.
(3) *Familiar Plants*—Flower, leaf, stem, root, etc.
Animals—Cat, dog, horse, cow, etc.
Things—Objects in the school-room, etc.

The lessons on this subject should be purely oral with conversational illustrations. One hour a week, at such times as may be most suitable.

DRAWING.—One hour per week. The circle and its parts, the ellipse and oval with flat copies and object lessons based upon the above forms.

Music.—New American Music Reader No. 1. Through page 33.

Sewing—*First Half Year.*—Practice correct position, thimble exercise, holding the needle, holding the work, moving and threading the needle, making a knot, using scissors. Stitching canvas, using chenille needle and split zephyr. Basting, running, back stitching, overcasting, hemming, seaming.

Second Half Year.—Instruction about implements and materials for sewing. Inch measure. Review, practical work, using colored cotton and sewing needle.

In all the grades make a list of words that pupils most frequently mispronounce, and drill them in their correct pronunciation; also give frequent and thorough drill upon words containing the vowel sounds properly grouped and arranged.

Particular attention should be paid to addition in all the grades. See that pupils perceive readily the sum of integers without resorting to the counting process.

Principals are authorized and expected to promote to higher grades during the year such pupils as shall evince ability to pursue the studies of the higher grades.

In this course of study more attention should be given to language and reading than to abstract work; and it is expected that principals will see that their assistants understand and follow closely the directions given in the present schedule.

The perceptive faculties should be brought into prominent exercise, as this is the law of childhood and youth. The disposition to discover impels them to activity. Hence the teacher, to be successful with children, must accustom them *to do* and discover for themselves. Train the eye to see, the ear to hear, the hand to do, and through these the mind to think.

GRADES FOR GRAMMAR SCHOOLS.

[September, 1886—As Amended to April, 1896.]

FOURTH GRADE—FOURTH YEAR.

LANGUAGE.—Newell's Third Reader. At least five exercises of an hour each per week. Spell the words in the first half of Newell's Third Reader and those the pupils misspell in written exercises. Continued application of what has been taught in the preceding grades. The two parts of a statement. Use of nouns, proper and common. Plural and possessive forms of nouns. Words that describe and point out objects. Words that assert. Words that show *how*, *when* and *where*. Words used instead of names. Objective and possessive forms of pronouns. Use of *I*, *he*, *she*, etc., after *is* and *was*. Words that show relation. Oral and written reproductions, at least once a week, of short stories, and stories from pictures, descriptions of familiar objects, brief letters, special attention being given to their form. Dictation exercises. Short poems to be studied and memorized. Daily systematic written exercises. Special attention to spelling, penmanship, capitalization and punctuation in every written exercise. Exercises in the pronunciation of words commonly mispronounced. Supplementary reading. One writing-book or its equivalent, completed each half year. Recitation of appropriate selections.

HISTORY.—First half of Eggleston's First Book of American History.

ARITHMETIC.—Written and mental. Addition, subtraction, multiplication and division of United States money (no decimal divisors or multipliers). Denominations, *in common use*, of dry measure, long measure, liquid measure, and time, with examples involving their practical application. Common fractions to multiplication. Endeavor to make pupils quick and accurate in working examples in the simple rules.

GEOGRAPHY.—Elementary, New England States and North America. Draw, from memory, map of North America. Frequent drills upon the outline maps of the world.

DRAWING.—One hour per week. Review the work of the preceding years, more attention being given to accuracy of form and finish.

MUSIC.—New American Music Reader No. 2. Through page 28.

SEWING.—Develop the cotton plant from the sowing of the seed to the manufacture of cloth. History of the cotton gin. Names of the threads in all woven fabrics. Review work of preceding grade, using half-bleached cotton cloth, with red and blue cotton, the blue marking the improvement in the work. Basting, running, stitching, hemming, overcasting, overhanding.

SCIENCE.—Dulany's Health Primer. To be used as a supplementary reader.

FIFTH GRADE—FIFTH YEAR.

LANGUAGE.—Newell's Fourth Reader. At least five exercises of one hour each per week. Supplementary reading. Spell the words in the speller from page 15 to page 31, and those the pupils misspell in all written exercises. Continued review and application of the principles taught in the preceding grades. Principal uses of capital letters. Pronouns used as subjects of verbs. Adjectives—Uses of different forms of adjectives; special study of adjectives commonly misused. Verbs, transitive (active and passive forms) and intransitive. Adverbs—Give special attention to negatives. Use and position of modifiers. Use of the comma to separate words and phrases in the same construction. Distinction between adjective and adverb. Prepositions—Special study of prepositions commonly misused. Conjunctions and interjections. Simple and compound sentences. Choice selections to be studied and memorized. Dictation exercises. Correct use of paragraph. Composition—Weekly; descriptions of familiar things and events; letters, the subject being assigned by the teacher, and compositions upon other subjects in which the pupil must give the results of his own observation. Exercises in the pronunciation of words commonly mispronounced. Daily systematic written exercises. Special attention to spelling, penmanship, paragraphing, capitalization and punctuation in every written exercise. One writing-book or its equivalent completed each half year. Recitation of appropriate selections.

HISTORY.—Second half of Eggleston's First Book of American History.

ARITHMETIC.—Written and mental. United States money. Common fractions and decimals. Continue the exercises involving the tables studied in the fourth grade. Explain at the blackboard how the common denominations of square measure are derived from those of long measure, and teach the denominations of square measure *in common use* with simple examples involving their practical application. Frequent practice in the four rules, especially addition.

GEOGRAPHY.—Elementary. Middle Atlantic States, United States, South America. Draw, from memory, maps of Maryland and South America. Frequent drills upon the outline maps of the world.

SCIENCE.—Dulany's Physiology. To be used as a supplementary reader.

DRAWING.—One hour per week. The simplest "working drawings" introduced, and more attention given to sketching leaves and fruit from nature, with the first steps in original design suggested.

MUSIC.—New American Music Reader No. 2. Pages 29-36, and Keys of G. & D.

SEWING.—Patching, stocking darning, resoling stockings, hemming gathers and half-back stitch gathers to bands, tucking, gathering, placket, band.

SIXTH GRADE—SIXTH YEAR.

LANGUAGE.—Newell's Fourth or Fifth Reader. History of Maryland. Supplementary reading. At least five exercises, one hour each, per week. Spell the words in the speller from page 31 to page 46, and those the pupils

misspell in all written exercises. Review and continued application of the principles taught in the preceding grades. Nouns—Singular and plural forms, possessive forms, including compound possessive, and the ways of distinguishing their gender. Pronouns—Personal pronouns, gender, number and case forms; adjective pronouns. Verbs—Person and number forms of verbs; tense, present, past and future; uses of the auxiliaries *shall* and *will;* regular and irregular verbs; participles; principal parts of common verbs, and much practice in using the past tenses and past participles of such verbs in sentences; careful study of *shall* and *will*, *should* and *would*, *learn* and *teach*, *may* and *can*, *lie* and *lay*, and other words commonly misused. Dictation exercises. Careful study of choice selections, with especial reference to the thoughts expressed. Weekly exercises in composition upon topics similar to the ones suggested in the preceding grades. Exercises in the pronunciation of words commonly mispronounced. Special attention to spelling, penmanship, paragraphing, capitalization and punctuation in every written exercise. Recitation of appropriate selections or declamation. One writing-book or its equivalent completed each half year. Recitation of appropriate selections.

History.—Eggleston's History of the United States to Chapter 23.

Arithmetic.—Written and mental. Compound numbers. Explain at the blackboard and by cubes how the common denominations of cubic measure are derived from those of long measure. Teach the pupils to perform with ease and accuracy operations in the simple rules and fractions. Practical examples involving the rules taught.

Algebra.—To page 46, Section 80.

Geography.—Higher. Southern States. Central and North Central States. Europe. Draw from memory maps of Maryland and Europe. Frequent drills upon the outline maps of the world.

Science.—Dulany's Physiology. One lesson a week. Teach the portions relating to hygiene and the nature of narcotics and alcoholic stimulants.

Drawing.—One hour per week. More attention is given to construction, and from these drawings the objects are made of paper or wood.

Music.—Review previous keys, and teach keys of A and E.

Sewing.—Felling. Buttonholes, loops and eyelets. Tear darning. French hem. Buttonholes and buttons.

SEVENTH GRADE—SEVENTH YEAR.

Language.—Newell's Fifth Reader and the History of Maryland. Spell the words in the speller from page 46 to page 61, and those the pupils misspell in all written exercises. Review and continue to apply the principles taught in the preceding grades. Special study of the verb. Review what has been taught about verbs in the preceding grades, and study in addition their manner of asserting. The infinitive. Use of phrases. Independent and dependent clauses. Complex sentences. Relative pronouns—forms of *who*. Distinctive uses of *who*, *which* and *that*. Interrogative pronouns. Use of comma in explanatory, intermediate and

transposed expressions. Quotations, direct and indirect. Use of quotation marks in divided quotations. Careful study of choice selections, with especial attention to the thought expressed. Compositions, weekly, on familiar topics, as in preceding grades. Analysis of simple, complex and compound sentences. Recitation of appropriate selections and declamation. Exercises in the pronunciation of words commonly mispronounced. Special study of letter-writing, giving particular attention to business letters, and to the different forms of heading, address, salutation, conclusion, and superscription required for letters of various kinds. Business forms, including bills, receipts, advertisements, notices of public meetings, telegraphic dispatches, etc. Supplementary reading. Constitution and Bill of Rights of Maryland to be used as supplementary reading at least once in two weeks. One writing-book, or its equivalent, completed each half year. Making out bills. Recitation of appropriate selections. Declamation.

History.—Eggleston's History of the United States to Chapter 37, reviewing sixth grade.

Arithmetic.—Written and mental. Percentage, profit and loss, interest, ratio and proportion, discount and partnership. Practical business examples involving the rules which have been taught.

Algebra.—To page 135.

Geography.—Rocky Mountain and Pacific States. Europe reviewed. Africa. Draw, from memory, maps of Maryland and Africa. Frequent drills upon the outline maps of the world.

Science.—Dulany's Physiology. One lesson a week.

Drawing.—One hour per week. Parallel perspective is taught in addition to construction and surface decoration.

Music.—Review previous keys and teach keys of F and B♭.

Sewing.—Gussets. Gores. Bias-cutting and piecing. Facing. Plaiting. French gathers. Overhand gathers to band. Hooks, eyes and loops. Inserting.

EIGHTH GRADE—EIGHTH YEAR.

Language.—Newell's Sixth Reader and the History of Maryland. Supplementary reading. Constitution of the United States and the Declaration of Independence to be used as supplementary reading at least once in two weeks. Continue to review and apply the principles taught in the preceding grades. Thorough review of the grammatical principles taught in the fifth, sixth and seventh grades, and more extended work in connection with the careful study of sentences from standard writers. Study in particular: Nouns—Classes, number, gender, case, and leading constructions in different sentences. Pronouns—Classes and declension of personal pronouns. Adjectives—Comparison and correct use. Verbs—Classes, mode, tense, and use of auxiliary verbs. Participles and infinitives. Offices of adverbs. Co-ordinate and subordinate conjunctions. Sentences—Kinds, structure, analysis and uses. Forms and uses of phrases and clauses. Exercises in the pronunciation of words commonly mispronounced. Careful study of choice selections of poetry and prose, with especial reference

to the thought expressed. Compositions at least once a week upon topics similar to those suggested in the preceding grades, Letter-writing and business forms. Declamation and the recitation of appropriate selections. Exercises in writing to be connected with book-keeping and composition. Recitation of appropriate selections. Declamation.

HISTORY.—Complete Eggleston's History of the United States, reviewing the sixth and seventh grades.

ARITHMETIC.—Written and mental. Finish the book, giving particular attention to the subjects taught in the preceding grades, and the following: Commission and brokerage, involution, evolution, mensuration (in connection with this subject review square and cubic measure), single entry book-keeping.

ALGEBRA.—Teach through quadratic equations.

GEOMETRY—*Male Grammar School.*—Wentworth. Books I, II and IV to proposition XIV.
Female Grammar School.—Brooks. Books I, III to proposition VII; IV to theorem XV. Practical problems in geometrical construction, pages 93–102.

GEOGRAPHY.—Asia, Oceania and Maryland. Draw, from memory, maps of Maryland and Asia. Frequent drills upon the outline maps of the world.

SCIENCE.—First half year—Physics to acoustics. Second half year—Dulany-Martin's Human Body.

DRAWING.—One hour per week. Angular, perspective and geometric work added to the subjects previously taught.

MUSIC.—Review previous keys; teach keys of E♭ and A♭, and pieces in one, two and three parts.

SEWING.—Ornamental stitching—Hem, herring-bone, feather, chain, Kensington outline, blanket, tapestry. Button-holes in cloth. Cloth darning.

GRADES IN GERMAN FOR THE ENGLISH-GERMAN SCHOOLS.

[March, 1886—As Amended to April, 1895.]

NOTE:—An order of the Board provides for the gradual substitution of the Eclectic series for the Goebel. The classes using the Eclectic are expected to use those parts of the book corresponding as closely as possible to the gradation of the Goebel series.

FIRST GRADE—FIRST YEAR.

READING AND SPELLING (ORAL).—Goebel's First Reader, pages 1 to 24 (No. 47), inclusive.

WRITING.—Copy script letters, words and sentences from the blackboard.

LANGUAGE.—Refer to corresponding English grade.

MEMORIZING.—Appropriate selections.

SECOND GRADE—SECOND YEAR.

READING.—Goebel's First Reader, from page 24 to end. No. 14 (first division) and No. 3 (second division) optional.

SPELLING.—Goebel's First Reader, from page 27 to 48, inclusive.

LANGUAGE.—Refer to corresponding English grade.

MEMORIZING.—Appropriate selections.

THIRD GRADE—THIRD YEAR.

READING.—Goebel's Second Reader, pages 1 to 74, inclusive.

SPELLING.—Goebel's Second Reader, pages 1 to 39, inclusive.

LANGUAGE.—Refer to corresponding English grade.

TRANSLATION.—Exercises on pages 92-96.

MEMORIZING.—Appropriate selections.

PENMANSHIP.—Taught in connection with written exercises.

FOURTH GRADE—FOURTH YEAR.

READING.—Goebel's Third Reader, pages 1 to 76, inclusive.

SPELLING.—Goebel's Third Reader, pages 1 to 47, inclusive.

TRANSLATION.—Exercises on pages 103-107.

GRAMMAR.—The five declensions of nouns; comparison of the descriptive adjective and its declensions (in the pos. degree), when preceded by the article or a demonstrative or possessive adjective.

LANGUAGE.—Refer to corresponding English grade.

FIFTH GRADE—FIFTH YEAR.

FIRST HALF YEAR.

READING.—Kreis IV, pages 1–60.

TRANSLATION.—Exercises under IV., pages 1–21.

GRAMMAR.—Declensions of adjectives finished, declension of personal pronoun; conjugation of „sein," „haben," „werden" (indicative), and prepositions governing the dative.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with written exercises.

SECOND HALF YEAR.

READING.—Kreis IV., page 61 to end.

TRANSLATION.—Exercises under IV., pages 21–41.

GRAMMAR.—Review the preceding grades. Teach declension and use of relative and interrógative pronouns; entire conjugation of the auxiliaries and regular verbs; prepositions governing the accusative.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with written exercises.

SIXTH GRADE—SIXTH YEAR.

FIRST HALF YEAR.

READING.—Selections from Kreis V.

TRANSLATION.—From Kreis V., part second to page 123.

GRAMMAR.—Review. Teach separable, inseparable, reflective, impersonal and irregular verbs. Prepositions with genitive and dative, or accusative. Simple sentences.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Teach from written exercises.

SECOND HALF YEAR.

READING.—Selections from Kreis V.

TRANSLATION.—From Kreis V., second part to page 134, inclusive.

GRAMMAR.—Review preceding grades. Easy compound and complex sentences.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—To be taught daily in connection with all written exercises.

SEVENTH GRADE—SEVENTH YEAR.

FIRST HALF YEAR.

READING.—Selections from Kreis VI., pages 1–65.

TRANSLATION.—From second part of Kreis VI., pages 128–141 (omitting lessons 13, 18, 19).

GRAMMAR.—Review. Complex sentences continued; compound sentences; punctuation.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with all written exercises.

SECOND HALF YEAR.

READING.—Selections from Kreis VI., pages 65–127.

TRANSLATION.—From second part of Kreis VI., pages 141–155 (omitting lessons 28–33).

GRAMMAR.—Complex and compound sentences continued; order of words in sentence; punctuation.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with all written exercises.

EIGHTH GRADE—EIGHTH YEAR.

FIRST HALF YEAR.

TRANSLATION.—From second part of Kreis VII., lessons 1, 2, 3, 5, 8, 11, 12, 14, 15, 17, 18, 23.

GRAMMAR.—Analysis—substantive, adjective and adverbial clauses. Review.

RECITATION.—Appropriate selections from Kreis VII. (Lyric and Epic Poetry, pages 125–154).

N. B.—A short sketch of the author's life should be given by the teacher.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with all written exercises.

SECOND HALF YEAR.

TRANSLATION.—Kreis VII., from lessons 25, 29, 31, 37, 39, 66, 69, 72, 78, 81, 82, 84, 87.

GRAMMAR.—General review. Rendering of the English participle, moda auxiliaries and their English equivalents, passive voice, etc., *e. g.:* "No stopping here!" "It is to be hoped he will pass his examination." "They spoke of his owing them a large sum of money." "I was followed." "He is to be induced to sign the note." "What are you going to do with it?" etc., (c. f. pp. 231, 233 of reader).

READING.—Selections from Kreis VII.

RECITATION.—(German drama, etc.) Models on pp. 148–154, Kreis VII.

LANGUAGE.—Refer to corresponding English grade.

PENMANSHIP.—Taught in connection with all written exercises.

N. B.—Spelling is to be taught in each of the grades in connection with all written exercises.

LIST OF BOOKS USED IN THE PUBLIC SCHOOLS.

FOR BALTIMORE CITY COLLEGE.

Allen (F. D,)—Euripides' Medea.
Allen (W. F.)—Introduction to Latin Composition.
Allen & Greenough—Ovid.
Alexander—Moral Science.
Boise—Homer's Iliad (first six books).
Bolmar (A.)—French Verbs.
Brandt—German Grammar.
Bowser—Analytical Geometry.
Chase (R. H.)—Maclean's Horace.
Chase & Stuart—Virgil's Æneid; Cæsar's Commentaries; Sallust (with lexicon); and Livy.
Collier (W. F.)—History of the British Empire.
Crittenden—Blanks for New Elementary Book-keeping.
DeFivas—Elementary French Reader.
Dulany—Martin's Elementary Human Body; and Bill of Rights and Constitution of Maryland.
Dana—Text Book of Geology.
Eliot & Storer—Qualitative Chemical Analysis.
Ely—Introduction to Political Economy.
Flagg—Demosthene's Hellenic Orations.
Goodwin (W. W.)—Greek Grammar; and Greek Reader.
Gildersleeve—Latin Grammar; Latin Reader; New Latin Primer; and Latin Exercise Book.
Gage—Principles of Physics.
Goethe—*Egmont.*
Herodotus—Book VII. (Butler).
Haven (J.)—Mental Philosophy.
Hepburn—Manual of Rhetoric.
Harrington (C. S.)—*Plautus.*
Heath—New German-English and English-German; and French-English and English-French Dictionaries.
Joynes-Otto—Introductory German Lessons.
Jones—Greek Prose Composition.
Johnston—United States History.
Joynes—Schiller's *Der Geisterseher.*
Kendrick—Xenophon's Anabasis, with vocab.
Keetel—French Series.
Kendrick (J. B.)—Greek at Sight.
Kelsey—Selected Orations and Letters of Cicero.
Liddell & Scott—Greek-English Lexicon (abridged).
Lessing—*Minna von Barnhelm* (students' classic German plays).
Lounsbury—English Language (new edition).
Lockyer—Astronomy.
Loomis (E.)—Calculus.

a Lippincott—Gazetteer of the World, with Supplement (sheep).
Myers & Allen—Ancient History, Part I and Part II.
Meikeljohn—English Language.
Noel & Chapsal—French Literature.
Olney—General Geometry and Calculus.
Packard—New Manual of Book-keeping and Correspondence.
Prang—Drawing books and manuals of complete course in drawing.
Quackenbos—First Lessons in Composition; and Composition and Rhetoric.
Raddatz—Schiller's *Neffe als onkel.*
Ray—New Higher Algebra.
Remsen—Organic Chemistry; and Briefer Course in Chemistry (Am. Sci. Series).
Shepherd (H. E.)—History of the English Language.
Shaw (T. B.)—New History of English Literature.
Spencerian—Copy books.
Sargent—Standard Speaker.
Tyler (W. S.)—Tacitus' Histories.
Tomlinson—Latin for Sight Reading.
Upham—Mental Philosophy (abridged).
Van Daell—Heine's *Die Harzreise.*
Voltaire—History of Charles XII.—(18 mo.)
White (J. W.)—First Lessons in Greek.
Wilson (W.)—The State.
White (J. T.)—Latin-English and English-Latin Lexicon.
Whitney (W. D.)—Brief German Grammar; William Tell; and Essentials of English Grammar.
Westlake—How to Write Letters.
Wentworth (G. A.)—Plane and Solid Geometry (rev.); Plane and Spherical Trigonometry and Surveying with Tables; and Trigonometry, Surveying and Navigation with Tables.
Webster—Dictionaries: *a* International and High School.
Zacho—New American Speaker.

FOR FEMALE HIGH SCHOOLS.

Adler—Progressive German Reader.
Anderson (J. J.)—Manual of History; School History of England; School History of France; and Popular School History of United States.
Boyd—Annotated Poets: Milton; Thomson.
Brooks (E.)—Geometry and Trigonometry.
Caswell & Ryan—Book II. (Barcarolle).
Crittenden—Blanks for New Elementary Book-keeping.
Dulany—Martin's Elementary Human Body.
Eichberg & Sharland—Abridged Fourth Music Reader.
Harvey—Practical English Grammar.
Harvest Chorus Collection.
Joynes-Otto—Introductory German Lesson.
Lockyer—Astronomy.
a Lippincott—Gazetteer of the World, with Supplement (sheep).
Murdoch—Analytic Elocution.
Norton (S. A.)—Elements of Physics; and Natural Philosophy.
Newell & Creery—Revised Fifth and Sixth Readers.
New American Music Reader No. 3.
Packard—New Manual of Book-keeping and Correspondence.

a—For teachers.

Prang—Drawing books and manuals of complete course in drawing.
Ray—New Elementary Algebra.
Shaw (T. B.)—New history of English Literature.
Upham—Mental Philosophy (abridged).
Van Daell—Preparatory German Reader.
Van Daell & Schrakamp—German Book for Beginners.
Whitney (W. D.)—Brief German Grammar.
Westlake—Common School Literature.
Webster—Dictionaries: *a* International and High School.
(*For Latin books, see list for Baltimore City College, including Chase & Stewart's Orations (with Lexicon), if desired.*

FOR BALTIMORE POLYTECHNIC INSTITUTE.

Anderson—Manual of History (new).
Peck—Physics (Ganot).
Other books as required.

FOR THE COLORED HIGH SCHOOLS.

Chase & Stuart—Horace.
Quackenbos—Higher Arithmetic.
Webb—Model Etymology (new edition).
(*Other books, as required, from the lists for Baltimore City College and Female High Schools.*)

FOR THE GRAMMAR GRADES.

Appleton—Standard Elementary Geography; and Standard Higher Geography (Md. edition).
Bibles—(12 mo., sheep), and Douay.
Bert—First Steps in Scientific Knowledge, Parts IV. and V.
Brooks—*a* New Mental Arithmetic; and *b c* Geometry (eighth grade).
Creery (W. R.)—Catechism of United States History; and Grammar School Speller.
Dulany—Bill of Rights and Constitution of Maryland; School History of Maryland; *d* Primer Physiology; Standard Physiology; and Martin's Elementary Human Body.
Eclectic—Book-keeping.
Eggleston—New History of United States; and First Book in American History.
b Gifford—Elementary Lessons in Physics.
c Hyde—Language Lessons: Books 1, 2 (with supplement); Advanced Lessons in English.
Johnston—Outline maps; Eastern and Western Hemispheres; United States; Mexico and Canada; Europe; North and South America; Asia; Africa; and Mercator's Projection.
a Knox-Heath—Elementary Lessons in English (teachers' edition).
a Lippincott—Gazetteer of the World, with Supplement (sheep).
Meservey—Single entry book-keeping and blanks.

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a—For teachers.
b—For Eighth Grade only.
c—To be ordered only as a supply for an entire class becomes necessary, the old series to be as fully used as possible.
d—For Fourth Grade as supplementary reading.

e Martenet—Map of Maryland.
c Milne—Elements of Arithmetic; and Standard Arithmetic.
Newell & Creery—Revised Third, Fourth, Fifth and Sixth Readers.
f New Graded—Fourth, Fifth and Cathcart's Literary Readers (American Educational).
g New American Music Readers, No 2 and No. 3.
a Powell—How to Talk.
P. D. & S.—System of Penmanship.
Prang—Drawing books and manuals of complete course in drawing.
f Peabody—Fourth, Fifth and Sixth Readers.
Quackenbos—First Lessons in Composition.
Ray—New Elementary Algebra.
Swinton—Language Lessons; Language Primer; and *f* Third, Fourth, and Fifth Readers.
c Sheldon—Language Lessons: Primary and Advanced.
a Southworth & Goddard—Elements of Composition and Grammar.
a Smart—Free Gymnastics (for teachers of girls).
Sunshine—Song Book.
Testaments—(32 mo., cloth), and Douay.
f Wright—Nature Readers, III., IV.
b Wentworth—New Plane Geometry.
b Whitney & Lockwood—English Grammar (eighth grade).
Webster—Dictionaries: *a* International and Common School.

FOR THE PRIMARY GRADES.

Appleton—First Lessons in Arithmetic; and Reading Charts.
Butler—Reading Charts.
Bibles—(12 mo., sheep), and Douay.
a Brooks—New Mental Arithmetic.
Creery (W. R.)—Primary School Speller.
Dulany—Primer and First Reader.
Eggleston—First Book in American History.
Fisher—A B C Chart, Cards and Table Cards.
Frye—Primary Geography.
a Hyde—Language Lessons, Book 1.
Johnston—Outline Maps: Eastern and Western Hemispheres, United States, Mexico and Canada.
a Knox-Heath—Elementary Lessons in English (teachers' edition).
Monroe (L. B,)—Reading charts.
McGuffey—Reading charts.
c Milne—Elements of Arithmetic.
f Newell & Creery—Revised First, Second and Third Readers.
f New Graded—Readers I., II., III. (American Educational).
g New American Music Reader No. 1.
P. D. & S.—Sytem of Penmanship.

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a—For teachers.
b—For Eighth Grade only.
c—To be ordered only as a supply for an entire class becomes necessary, the old series to be as fully used as possible.
e—One for each school of grammar grade.
f—Supplementary.
g—To be used under the direction of the Committee on Music.
i—To be used as standard only, as the supply of new graded (American Educational) for any one class becomes exhausted.
j—Only for teachers of the First Grade.

Prang—Drawing Books and Manuals of complete course in Drawing.
f Peabody—Primer, infant, First, Second and Third Readers.
i Swinton—Primer, First, Second and Third Readers; and Introductory Geography.
a Smart—Free Gymastics.
Sunshine—Song Book.
a Sheldon—Primary Language Lessons.
Testaments—32 mo., cloth), and Douay.
f Wright—Nature Readers I., II., III.
j Wentworth & Reed—First Steps in Numbers (teachers' edition).
Webster—Dictionaries: *a* National Pictorial, and Primary.

FOR THE ENGLISH-GERMAN SCHOOLS.

c Eclectic—German Primer; and First, Second and Third Readers.
Klemm—German Text Book (Kreis)—IV., V., VI., VII.
Payson—German Copy Books.

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a—For teachers.
c—To be ordered only as a supply for an entire class becomes necessary, the old series to be as fully used as possible.
f- Supplementary.
i—To be used as standard only, as the supply of new graded (American Educational) for any one class becomes exhausted.
j—Only for teachers of the First Grade.

LIST OF STATIONERY, ETC., FOR ALL THE SCHOOLS.

Composition (or plain copy) books, 40 pages.
Spelling blanks, 52 pages.
Slates, round corners, wire-bound, 6x9, 7x11, 8x12.
Ink wells, with or without covers.
Lead pencils—Eagle, Faber and Dixon (H. S.).
b Compass pencils—Excelsior and Eagle; compass and divider.
Erasive rubbers—Eagle No. 1076.
Blackboard rubbers—Coughlin No. 4 and National No. 2.
Whiting Mills paper (cap, 12 pounds; letter, 10 pounds; note, 6 pounds).
Manilla paper (for drawing, 40 pounds, and for models, 100 pounds).
Colored papers—4x4 inches, assorted colors.
Envelopes—Buff and white, small and large sizes.
Slate pencils—German, 5½ inches; soapstone, 6 inches, and Eagle (in wood).
Steel pens—Gillott's genuine, Nos. 404 and 303; Esterbrook's School, No. 444; Eagle, Nos. 170 and 410; Spencerian, Nos. 1 and 5.
Pen-holders—Eagle, Nos. 1637, 1539 and 1709; Faber, Nos. 2440 and 2560.
Chalk crayons—Parmenter's; New York Crayon Company's and colored.
Mucilage—Carter's.
Ink—Maynard & Noyes; American Standard Ink Company's fluid; Carter's black letter and fluid; Duval's black and violet.
Rulers.
Gongs—B. & H.: Principals', No. 2400; assistants', No. 2100.
Teachers' inkstands, with rack.
Roll books.
Knives for sharpening pencils—Eagle No. 2300.
Ink vents.
Recess bells.
Le Page's liquid glue.

b—For Eighth Grade only.

EXTRACTS FROM STATUTES AND ORDINANCES

RELATING TO THE

PUBLIC SCHOOLS OF BALTIMORE CITY.

(BALTIMORE CITY CODE, 1893.)

STATUTES.

776. The Mayor and City Council of Baltimore shall have full power and authority to establish in said city a system of free public schools, which shall include a school or schools for manual or industrial training, under such ordinances, rules and regulations as they may deem fit and proper to enact and prescribe; they may delegate supervisory powers and control to a Board of Public School Commissioners, may prescribe rules for building school houses and locating, establishing and closing schools, and may in general do every act that may be necessary or proper in the premises.

777. The Board of Commissioners of Public Schools of Baltimore City shall have power to examine, appoint and remove teachers, prescribe the qualifications, fix the salaries, subject to the approval of the Mayor and City Council, and select text-books for the schools of said city, provided such text-books shall contain nothing of a sectarian or partisan character. They shall annually make a report to the State Board of Education of the condition of the schools under their charge, to include a statement of expenditures, number of children taught, and such other statistical information as may be necessary to exhibit the operation of the schools. * * *

778. The Mayor and City Council of Baltimore shall have power and authority to make all ordinances for the protection of the school houses and property, and to punish any person who may disturb the sessions of said public schools.

779. They are authorized and empowered to levy and collect upon the assessable property in said city, as other taxes are levied and collected, such amount of taxes as may be necessary to defray all the expenses incurred for educational purposes by them.

780. The Treasurer, on the warrant of the Comptroller, shall pay to the Mayor and City Council the proportion of the free school fund to which said city is entitled.

781. The Orphans' Court of said city shall order and direct the fund arising from intestates' estates that may be administered upon in said court, and which remain undistributed for want of legal representatives of the intestates to claim the same, to be paid to the Board of Commissioners of Public Schools.

782. The court shall not make such order until they shall be satisfied that the intestate left no legal representative living at the time of his or her death, and they shall cause the administrator of such estate to give notice, by advertisement to be inserted for such periods of time and in newspapers published in such places as they may deem necessary, that upon default of the appearance of any legal representative of the intestate by a certain day, to be fixed by the court and named in said advertisement, the estate of said intestate will be paid to the Commissioners of Public Schools.

783. They shall, upon passing an order directing such payment, require from the Treasurer of the Board of Commissioners of Public Schools, or any other officer who may be appointed by the said Board of Commissioners, or the Mayor and City Council of said city, to receive such funds, a receipt and release to the administrator for the same.

784. The release shall contain an obligation that the said funds shall be applied by the Board of Commissioners of Public Schools to the use and support of the public schools of the City of Baltimore, and shall be recorded and preserved in said court as other records are.

785. If the estate of an intestate shall be paid to the Board of Commissioners of Public Schools under this law, and any legal representatives of the intestate of no remoter degrees among collaterals than brothers' or sisters' children, shall at any time appear and prove him, her or themselves to be such legal representatives, the Board of Commissioners of Public Schools who receive such estate, or their successors, if the same shall be in their hands or shall have been applied to the use of the public schools, shall restore the same to such legal representatives out of the school fund under their direction.

Public General Laws of Maryland.

(ARTICLE XLIII.)

31. No teacher in any school shall receive into such school any person as a scholar until such person shall produce the certificate of some regular practicing physician, that such an applicant for admission into the school has been duly vaccinated. Any teacher so offending shall, on conviction thereof, forfeit and pay a fine of ten dollars ($10) for each offence, and no public school trustee or Commissioner shall grant a permit to any child to enter any public school without such certificate under the same penalty.

(ARTICLE LXXVII.)

40. The nature of alcoholic drinks and narcotics, with special instruction as to their effects upon the human system, in connection with the several divisions of the subject of physiology and hygiene, shall be included in the branches of study taught in the common schools, and shall be taught to and studied by all pupils whose capacity will admit of it in all departments of the public schools of the State, and in all educational institutions supported wholly or in part by money from the State. * * * The said text-books must be published, printed and sold in the State of Maryland.

Sections 59, 60 and 61 of Article 77, repealed and re-enacted with amendments at Session of 1896, Chapter 135, and approved April 4, 1896.

59, as amended, provides for free books for all the schools in the State, and that the several Boards of School Commissioners shall furnish annu-

ally to the State Board of Education the title, the name of the publisher and the net price paid for each text-book purchased, which information shall be set forth in full in the annual report made by the State Board of Education.

61. The said several boards shall keep an account of all moneys expended under the provisions of this Act, and report the same in the annual financial accounts as required by law, and no money so received by them shall ever be used for any other purpose than for the purchase of school books, as provided by the two preceding sections.

Sec. 2. That the sum of one hundred and fifty thousand dollars ($150,000) be and the same is hereby appropriated to be paid by the State Treasurer upon the warrant of the Comptroller on the 1st day of Angust, 1896, and annually thereafter, and to be expended, or so much thereof as may be necessary, for the purchase of text-books, as provided in this Act.

Sec. 3. That the whole of said sum shall be apportioned by the Comptroller in the month of July of each and every year, as the State school tax is now apportioned, * * * to be paid to the treasurer of the boards in the same manner as the apportionment of the school tax is now paid.

ORDINANCES.

1. There shall be appointed by the two Branches of the City Council, in convention assembled, at the times and in the manner prescribed in Sections 2 and 3 hereof, twenty-two persons, to be called Commissioners of Public Schools, one Commissioner to be selected from each of the several wards of the city; and said Commissioners shall continue in office for the terms as prescribed in Sections 2 and 3 hereof; provided, that if any Commissioner shall remove from the ward from which he was appointed before the expiration of his term of office, then his place in the Board shall be declared vacant, and the Board may declare vacant the place of any Commissioner who shall absent himself from three successive stated meetings of the Board, without showing satisfactory cause for his non-attendance, after having been duly notified of the same; the Mayor shall always be *ex-officio* a member of said Board.

2. The Commissioners of Public Schools who shall be appointed in the month of February, 1877, shall be appointed for one, two, three and four years, which several terms of service shall be determined by lot at their first meeting and immediately after their organization by the election of a President and Secretary, as provided by Section 5 hereof; the members severally appointed for the First, Second, Third and Fourth Wards shall draw lots for their terms of service, which terms shall be one, two, three and four years respectively, as fixed by the lot then drawn; and the several members for each succeeding four wards, the wards being taken in numerical order, shall determine their terms of service in the same manner as aforesaid.

3. In the month of February, in each succeeding year, the First and Second Branches of the City Council, in convention assembled, shall elect School Commissioners in place of those only whose terms of office shall at that time expire, and the Commissioners elected, as prescribed by this section, shall continue in office for four years.

4. The First and Second Branches of the City Council, in convention assembled, shall have power to expel a member of the Board of Commissioners of Public Schools, either for persistent neglect of duty or for conduct unbecoming a School Commissioner, Should any vacancy occur in the Board by removal, resignation, death or otherwise, the unexpired term shall be filled in the same manner as provided by the preceding sections hereof.

5. Said Commissioners shall meet within ten days after their election, and at their first meeting they shall proceed to the election of President from their own Board, to be chosen by a majority of the whole body; also a person to act as Secretary, who shall serve one year, unless sooner removed by the Board, and who shall have charge of the rooms, books, papers and documents of the Board, and shall perform such clerical duties as may be required of him by its members or committees. The Board shall assign the duties to be performed by him, and his salary shall be two thousand dollars per annum, payable monthly. If a vacancy should occur in the office of Secretary from any cause whatever, it shall be the duty of the Board to elect a person to fill said vacancy as soon as it can conveniently be done. In all cases a majority of the Commissioners shall constitute a quorum for the transaction of business.

5a. (Approved March 28, 1893). Authorizes the employment of a Clerk to the Secretary, whose duty it shall be to assist the Secretary and Assistant Secretary.

6. Whenever a vacancy or vacancies shall occur in the Board of Commissioners of Public Schools during the session of the City Council, it shall be the duty of the President of the Board to inform the Mayor of such vacancy or vacancies, who shall communicate the same to the First and Second Branches of the City Council, who shall proceed in convention, according to their respective rules, to fill said vacancy or vacancies. If a vacancy or vacancies shall occur during the recess of the City Council, by death, resignation or otherwise, it shall be the duty of the Board to fill the same as soon as may be convenient, the person or persons so elected to serve until the next session of the City Council.

7. There shall be appointed by the Board a suitable person to be the Superintendent of Public Instruction for the City of Baltimore, who shall be a resident of the City of Baltimore, of literary and scientific acquirements and of skill and experience in the art of teaching, and who shall serve for the term of four years, unless sooner removed by the Board. It shall be the duty of the Superintendent to devote his time and attention entirely to the general supervision of the public schools of the city, subject to such rules and regulations as the Board of School Commissioners may establish. It shall especially be the duty of the Superintendent to visit every school under the charge of the Board of Commissioners of Public Schools as often as once in each quarterly session, or four times during the academic year, to examine into its respective studies and to inquire into all matters relating to the government of the schools, such as its curriculum of studies, discipline and course of instruction pursued therein, the textbooks that are used, the condition of the school houses, and to make a monthly report of the matters thus specified to the Board of Commissioners of Public Schools.

8. There shall be appointed by the said Board a suitable person to be the Assistant Superintendent of Public Schools, who shall be a resident of

the City of Baltimore, of skill and experience in the art of teaching, and whose term of office shall be concurrent with that of the Superintendent.

9. It shall be the duty of such Assistant Superintendent of the Public Schools to aid the Superintendent in the supervision of the public schools of the city; he shall visit the primary schools as often as his duties will permit, and make a report of such visits to the Superintendent; he shall assist in the examination of the quarterly reports of teachers, in the preparation of the questions for the semi-annual examination of the classes of the primary and grammar schools, and be subject to such rules and regulations as the Board of Commissioners of Public Schools may establish.

10. In order to advance the interests of the schools committed to his charge the Superintendent, in conjunction with a committee of three members of the School Board, shall, in the forms prescribed by the Board, examine into and ascertain the qualifications of applicants for the situation of teachers, and re-examine, if necessary, any of the teachers employed in the schools under the charge of the Board; and in order further to promote the cause of sound education, and to elevate the character and qualifications of the teachers the Superintendent shall, by all the means in his power, counsel and advise with the teachers in relation to their duties and proper classification of studies, the best methods of imparting instruction, and, in general, as to the proper discipline and management of the schools under their charge.

11. The salary of the Superintendent shall be fixed by the Board of Commissioners of Public Schools, subject to the approval of the two Branches of the City Council; and he shall make annually a report in writing to the Mayor and City Council of all matters of interest or importance in connection with the schools; and shall also, when requested, furnish to the Board of Commissioners of Public Schools of the city a written statement showing the number of schools in the city, the number of pupils under instruction and the teachers employed therein, with such additional information in respect to the matters above specified as may be deemed advisable and necessary.

12. The salary of the Assistant Superintendent of Public Instruction in Baltimore City shall be two thousand dollars ($2,000) per annum.

13. The Board of School Commissioners are authorized and directed to appoint annually, at the same time that the Secretary of the said Board is elected, a suitable person, a citizen of Baltimore, who shall be known as the Superintendent of Supplies.

14. It shall be his duty, under the instructions from the Board of School Commissioners, to supervise, take care of and have general control of all furniture, stoves, furnaces, fuel, repairs and other incidental supplies, which are now in possession of the Board, or which may be purchased by order of the Board; be responsible to the Board for their condition, and report from time to time as the Board may direct, and perform such other duties with reference thereto as may be required by the Board.

15. His salary shall be eighteen hundred dollars ($1,800) per annum, the amount to be taken out of the appropriation made to the said Board of School Commissioners for salaries.

16. The Register is authorized to receive, through the Secretary of the Board, all moneys from the teachers and all other funds due the School

Board, and pay out of the funds standing in the treasury of the city to the credit of the public schools any orders that are provided for in the levy for school purposes, after having been examined by the Committee on Accounts and passed by the Board, signed by the President and countersigned by the Secretary of the Board of Commissioners of Public Schools.

17. The said Board of Commissioners of Public Schools shall have charge of the public schools in operation in the City of Baltimore, and of all such as may be in operation during their continuance in office; and it shall be their duty to employ teachers and determine their salaries, subject to the approval of the Mayor and City Council; to prescribe the courses of study and the books to be used; to make all such by-laws for their own government and all such rules and regulations for the management of the schools as they may deem expedient, and to modify and repeal the same at their pleasure; provided, that such by-laws, rules and regulations so made or modified be not inconsistent with the laws of the State or the ordinances of the city. And it shall further be the duty of said Board, at such time as other city officers are required to report, to report to the Mayor and City Council a statement of their transactions, with an account of their receipts and expenditures during the year last passed, and their resources for the year then commenced. The schedule of salaries of all officers, employees and teachers shall stand as now fixed. (The Code contains the schedule).

18. The Commissioners of Public Schools shall have charge of all the buildings used for school purposes, and they are hereby authorized to make all necessary repairs in the school houses of the city, provided the same shall not exceed the sum of three hundred dollars ($300).

19. The said Board is authorized and directed to rent out, except for political purposes, for such compensation as to them may seem just and reasonable, the main halls in the Eastern and Western Female High School buildings, for public purposes, at such times and under such regulations as to them may appear right and proper; provided, the same shall not be rented so as to interfere with or interrupt the regular exercises of the schools.

20. The revenue derived therefrom, as provided in the preceding section, shall be accounted for by the said Board and paid over by them to the Register, who is directed to place the same to the credit of the public school fund.

21. The said Board shall not employ in building, repairing or improving, or in furnishing stationery or any other kind of supplies, any member of said Board; nor shall any member of said Board be interested, directly or indirectly, in any contract whatever for the use of the public schools.

22. The Board of Commissioners of Public Schools shall advertise for proposals in the purchase of all supplies for said schools to the amount of *fifty dollars and over, and said proposals shall be opened in the presence of the City Comptroller, the City Register and a Committee of said Board, who together shall constitute a Board to award all contracts, except those for musical instruments, which shall be awarded as follows: The said Board of Commissioners of Public Schools, or its Committee on Music, shall select not less than three responsible and reputable manufacturers of the class of instruments required, and shall designate by proper specifications the character and style of the instrument to be furnished, and shall receive bids from those selected, which shall be opened before the above Board of Award,

*By ordinance approved April 18, 1894, this amount was made "not in excess of two hundred dollars."

and the said Board of Award shall award the contract, in its discretion, to the lowest or next to the lowest bidder, for such a period as it may think proper, not to exceed five years.

23. In awarding all other contracts the Committee of the Board of Commissioners of Public Schools shall have one vote, the Comptroller one vote, and the Register one vote; but in awarding contracts for musical instruments each member of the Committee on Music shall have one vote, the Comptroller one vote, and the Register one vote.

24. The salaries of the Superintendent, Assistant Superintendent and Secretary of the Board, and of the teachers and all other persons permanently employed by the Commissioners of Public Schools, shall be paid monthly, on the last day of each month, by the City Register; and he is hereby authorized, in case of any deficiency in the collection of the school fund, or in anticipation of the levy for the same, to advance, from time to time, to said fund such sums as shall be required for the payment of said salaries at the time when they shall be due.

25. There shall be no charge for tuition, or for the use of books and stationery in any of the public schools, but it shall be the duty of the Commissioners to furnish, free of all cost, to the pupils and their parents all the necessary tuition and the use of books and stationery for the several schools, and in general whatever fuel or other supplies the schools may require—the same to be paid for from the public school fund.

26. The public schools of Baltimore are designed exclusively for the education of those pupils whose parents, or in the case of orphans whose guardians are citizens of Baltimore, or residents of Baltimore with a *bona-fide* intention to become citizens.

27. The Board of Commissioners of Public Schools are hereby directed, before admitting the children of non-resident parents or guardians into the public schools of the City of Baltimore, to charge such parents or guardians the following amounts, viz.: For admission to the Baltimore City College, per capita, twelve dollars and fifty cents per quarter; for admission to the Female High Schools, per capita, eight dollars per quarter; for admission to grammar schools, per capita, four dollars per quarter; for admission to primary schools, per capita, three dollars per quarter—the said amount to be paid invariably in advance, and to be paid by the School Commissioners to the Register of the City for account of the school fund; provided, however, that nothing herein contained shall be so construed as to prevent the free admission into said schools of the children of registered voters of the city who are employed by the city in or about Druid Hill Park or the water works there situate, and who reside beyond the city limits.

28. The Commissioners of Public Schools shall not admit any book or books into use in the public schools, or discontinue the use of the same after having been admitted, unless said admission or discontinuance be approved by a vote of a majority of the entire Board in session assembled at a regular meeting of said Board.

29. The said Commissioners of Public Schools are hereby authorized to receive all devises, bequests and donations which may be made for the benefit of said public schools, and all devises, bequests and donations received by said Commissioners, by virtue either of this section or of any Act or Acts of the General Assembly of Maryland, shall be paid over by them to the Register of the City, who shall place the same to the credit of the

school fund; and if any condition or conditions be prescribed in any such devise, bequest or donation, the same shall be applied under the direction of said Commissioners, with the sanction of the Mayor and City Council, agreeably to the intention of the testator or donor; and if no condition be prescribed in any such devise, bequest or donation, it shall not be lawful for said Commissioners to draw all or any part of the amount thereof out of the city treasury during the year in which it was received, unless the collections from the resources and levy of the school fund for said year should fall short of the estimated expenditures forming the basis of said levy, or unless it shall have been already allowed in the estimated resources of the fund for said year; otherwise the same shall be included in the estimates of the ensuing year.

30. All funds which shall be paid to or received by the City Register, or in any other way, or through any other person or persons, passed over and transferred to the Mayor and City Council of Baltimere, pursuant to the provisions of Sections 781 and 784 of Article 4 of the Code of Public Local Laws, title "City of Baltimore," sub-title "Intestates' Estates," shall be held subject to the order of the Board of Commissioners of Public Schools of the City of Baltimore, in like manner as the funds derived from taxation for said purposes are held; and such funds as may be thus received are declared to be a separate and distinct revenue, to be applied to the use and support of the public schools, in addition to the annual tax levied and the annual appropriation made for that purpose.

31. It shall be the duty of the City Register to notify and inform the Board of Commissioners of Public Schools, by a communication in writing, whenever any funds arising from the aforesaid source shall be hereafter received by him, and the amount of the same.

32. Whenever said Commissioners of Public Schools shall intend to apply any portion or all of the aforesaid funds, hereafter received from intestate estates, the warrant or order drawn for said funds, or any portion thereof, shall show upon its face that it is drawn upon said funds; and it shall be the duty of the City Comptroller and the City Register to keep a separate account of all receipts and disbursements for said special and specific fund.

33. The Mayor is authorized, upon the presentation to him of satisfactory evidence of the existence of any just and valid claim on the part of the corporation, on account of the school fund, against a certain estate, and which claim it is, in his judgment, judicious to prosecute, to employ for that purpose the services of one or more agents, and to agree with such agent or agents for such compensation to him or them as he may deem fair and reasonable; provided, the said compensation shall be entirely contingent upon the recovery of the money.

34. All assessments for paving or repaving in front of any of the public schools or lots of ground attached thereto, and also all assessments of benefits for opening or widening any street or streets, so far as the public schools may be interested, shall be paid by the Register out of any unappropriated money in the treasury.

35. It shall not be lawful for said Board of Commissioners of Public Schools to exceed in their expenditures the amount annually appropriated therefor by the City Council; and it shall be their duty to apply the same exclusively to the several purposes, and as far as practicable, in the proportion specified in the statement of estimated expenses, on which said City Council shall have based the school fund levy for the year.

36. Whenever any of the pupils of Baltimore City College shall have satisfactorily completed the prescribed term and course of instruction, the Commissioners of Public Schools shall have the power to confer on them testimonials in form as follows, viz.: This certificate is given to ——— ———, a pupil of the Baltimore City College, in testimony that he has pursued and satisfactorily completed the studies of the ——— course of ——— years; and said testimonials shall be signed by the President of the Board, by the Mayor of the city, with the seal of the city attached, by the Committee on the Baltimore City College, and by the Principal, Vice-principal and Professors of said College.

37. Said Commissioners of Public Schools are authorized to cause said testimonials to be engraved on copper or lithographed, with a suitable vignette, the expenses necessarily connected with the preparation of said testimonials to be paid from the school fund; provided, that no Commissioner or teacher shall ever charge or receive any fee or compensation for so signing said testimonials.

38. Said Commissioners of Public Schools shall have power to confer testimonials on pupils of the Eastern and Western Female High Schools, in conformity with the requisitions and provisions of the preceding two sections.

39. Whenever any pupil shall leave any of the high schools without having completed the prescribed term and course of instruction, then, and in such cases, said Commissioners shall have power to confer such testimonials on said pupils as said Commissioners may deem to be proper and appropriate to the occasion.

40. It is hereby made the duty of the Board of Commissioners of Public Schools of the City of Baltimore to organize separate schools for colored children (this was done in 1867), and to establish as many schools for the education of colored children of Baltimore City as may, in the judgment of said Board, be necessary.

41. The schools to be established in accordance with the provisions of this ordinance shall be subject to such rules and regulations as may be prescribed by the said Board in its discretion.

43. The Board of School Commissioners are authorized and directed in all colored schools to be hereafter established, and in all colored schools in any territory hereafter annexed to Baltimore City, to appoint teachers of the colored race as instructors in such public schools set apart for colored youths; provided, that they be shown, by examination or such other test as is applied to white teachers, to possess the necessary moral and intellectual qualfications therefor.

44. It shall be the duty of the Superintendent of Public Schools to hold public examinations to which all colored applicants for teachers' positions may and shall be admitted.

45. All such applicants who pass a satisfactory examination shall be certified by the Superintendent of Public Schools to the Board of School Commissioners, and said Board of School Commissioners shall appoint the person so certified to positions as teachers in all colored schools hereafter established and set apart for the colored race, and also in all such schools in any territory hereafter annexed to Baltimore City.

46. The schools hereafter established for colored children shall be sup-

plied with the colored applicants so certified to the extent of the number applying before teachers of any other race shall be employed in such schools; provided, however, that in no case shall teachers of the white race be employed in any school in which colored teachers are employed.

Ordinance No. 55, of 1895–96, approved April 10, 1896, provides, "That on and after the beginning of the regular school term in 1896 in all the colored public schools of Baltimore City, * * * where white teachers are now, or may be hereafter employed, a gradual system of elimination of such teachers be instituted.

"And that whenever a vacancy occurs in any of said white faculties a white teacher shall be appointed to fill such vacancy temporarily only, and as soon as the vacancies thus temporarily filled shall be sufficient to supply positions for a whole white faculty then teaching in any colored school, said faculty shall be distributed among the other colored schools and their places filled by a whole faculty of colored teachers."

47. The salaries paid to such colored teachers shall be equal to those now paid to white teachers for similar service in the colored schools.

48. Whenever any of the pupils of the colored schools have satisfactorily completed the term and course of instruction prescribed for the pupils of the Colored High School, the Commissioners of Public Schools shall have power to confer upon them testimonials in conformity with the requisitions and provisions of this article relating to the conferring of testimonials upon pupils of the Baltimore City College, and the Eastern and Western Female High Schools.

49. There shall be established at the Baltimore City College, and at each of the two Female High Schools, a library for their use, without charge, under such regulations as may be adopted by the Board of Commissioners of Public Schools.

50. The selection of the books, which shall be only of an instructive and moral character, shall be made by the said Commissioners, or a committee appointed by them for the purpose, and no book deemed by them to be injurious to the morals of the pupils, or of a sectarian character, whether obtained by purchase or donation, shall be admitted in said libraries; and all books purchased under any future ordinance or resolution of the City Council, or otherwise, for this purpose, shall be subject to the restrictions herein contained.

51. The Commissioners of Public Schools of the City of Baltimore are hereby authorized to accept and receive the premiums given by the Trustees of the Peabody Institute to the Baltimore City College and the Female High Schools, as specified in Mr. Peabody's letter to his trustees, and to have the same distributed from time to time in such manner as they shall deem most conducive to the benefit of the schools and the objects of the donor.

52. The Board of Commissioners of Public Schools of Baltimore City are authorized and directed to establish in the City of Baltimore, in some convenient locality, as near the centre of the city as possible, a school for manual training, under such name or title as said Board shall select; said school shall be open to the children of the citizens and *bona fide* residents of the City of Baltimore, and the admission to said school shall be regulated by the law now existing for the admission of pupils to the public schools of theC ity of Baltimore, except in so far as changed by this ordinance; the

age and qualifications for admission to said school shall be fixed and prescribed by the said School Board; provided, that the fee for the use of tools and materials for pupils who are the children of residents or citizens of Baltimore shall not exceed one dollar each per scholastic quarter; pupils from other places may be admitted to said school upon such terms and conditions and upon payment of such fees as said Board shall prescribe.

52a to 52e. An ordinance nearly identical with the above (Section 52), providing for a Manual Training School for Colored Children, was approved February 16, 1892.

57 to 60. It shall be the duty of all physicians who may be in attendance in any family whose child or children may be attending any of the public schools of this city, which family may have a case or cases of scarlet fever, diphtheria, measles, smallpox, chickenpox, whooping cough, or any other contagious disease, to give a certificate of the same to the parents or parent of the child or children so diseased as soon as the disease is developed; and it shall be the duty of the parents or parent, as soon as the physician certifies that contagious disease exists in his, her or their house, to notify the principal of the school attended by his, her or their children within twenty-four hours. That if there be no physician attending in cases of disease mentioned in this ordinance, it shall be the duty of the parents or parent to report the disease to the principal of the school attended by his, her or their child or children within twenty-four hours from the time the disease is known to be contagious. That if any parent or physician shall notify any public school teacher of the city that any contagious disease exists in any family whose child or children are attending any of the public schools of this city, then it shall be the duty of the principal of the school to exclude the child or children of said family from the school until the attending physician certifies that all danger from contagion has passed. That if any teacher or teachers reside, board or lodge in any house where a child or children in such house is suffering with any contagious disease, of which fact the said teacher has been cognizant, then it shall be the duty of said teacher to certify to the same to a member of the School Board, and such teacher shall not perform his or her duties in any public school in this city until a physician attending such case or cases of contagious disease shall certify that all danger from contagion has passed. Failure to comply with the provisions of this ordinance will subject the offender to a fine of ten dollars ($10).

61. When scarlet fever, diphtheria, measles, smallpox, chickenpox, whooping cough, or any other contagious diseases has existed in any family whose child or children have been attending any of the public schools of this city, which child or children had not been attended by any practicing physician, then it shall be the duty of any vaccine physician who may be applied to for a certificate that all danger from contagion has passed to visit the premises, if in his district, where said child or children had been sick, and if there should exist no danger from contagion he should give the certificate applied for free of charge.

62. (Appproved May 22, 1893). The School Commissioners are hereby required and directed to have all public schools in the City of Baltimore opened for the reception of pupils thirty minutes before the commencement of tbe regular exercises of said schools.

(See also the statute relating to vaccination.)

By resolution approved March 13, 1894, it is provided "That the American flag be raised on all public school buildings where the school buildings are provided with said flags at half-mast on Memorial Day."

By ordinance approved April 9, 1895, the Board was directed to purchase a sufficient number of American flags and have the same placed on each and every public school building, to be raised on every school-day from the opening of the session in the morning till the close in the afternoon, except on inclement days, and at half-mast on May 30 from sunrise to sunset; Principals to be responsible for the performance of the duty, and liable to suspension or dismissal for failure to perform the same. The sum of fifteen hundred dollars ($1,500) is appropriated to defray the cost of said flags and placing them on the school buildings.

By ordinance approved May 8, 1895, the Board was directed to introduce physical training as a regular course of study in the public schools; to employ a male teacher, a graduate of some institution in which the art and science of physical training has been the only object of the course of study; salary to be fixed by the Board, subject to the approval of the Mayor and City Council. Ten minutes each day shall be given to calisthenics. The sum of one thousand five hundred dollars ($1,500) is appropriated to defray the expense.

By resolution approved May 15, 1895, the Board is directed "to issue the necessary directions to the teachers * * * to read the Declaration of Independence of the United States to the pupils of their respective classes (in the grammar schools only) on the Friday preceding all national, State or municipal holidays."

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